

homepilot

Your home in the palm of your hand



homepilot

A Midpoint Proposal by Adalene Teh (03771764)

Graduate School of Web Design & New Media

Date of presentation: xx/xx/2014 Time of Presentation: xx:00 PM

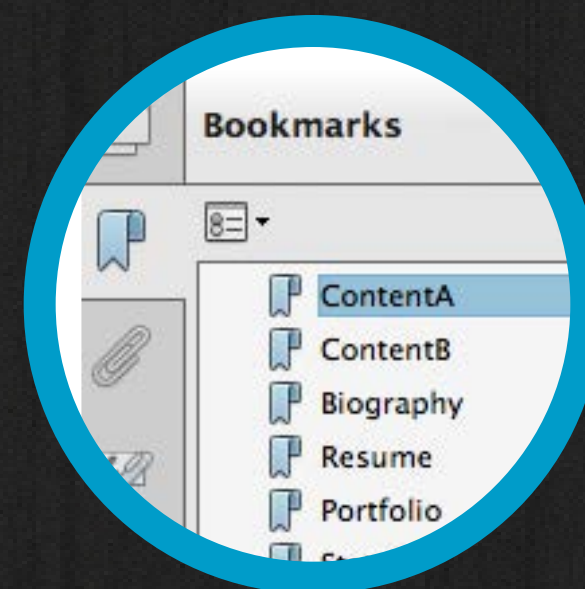
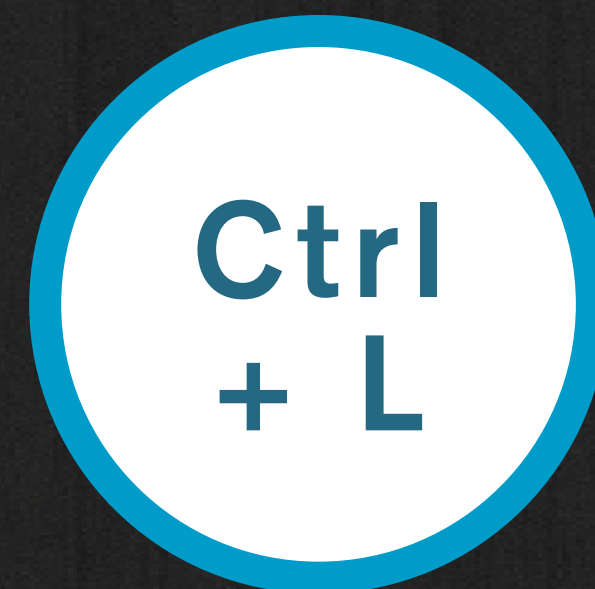
This is an interactive pdf.

How can you read this book?

You can press Ctrl + L to view full screen.

You can use content pages to navigate the book.

You can use bookmark function to navigate this book!



All the URLs in this book is clickable.

Thank You!

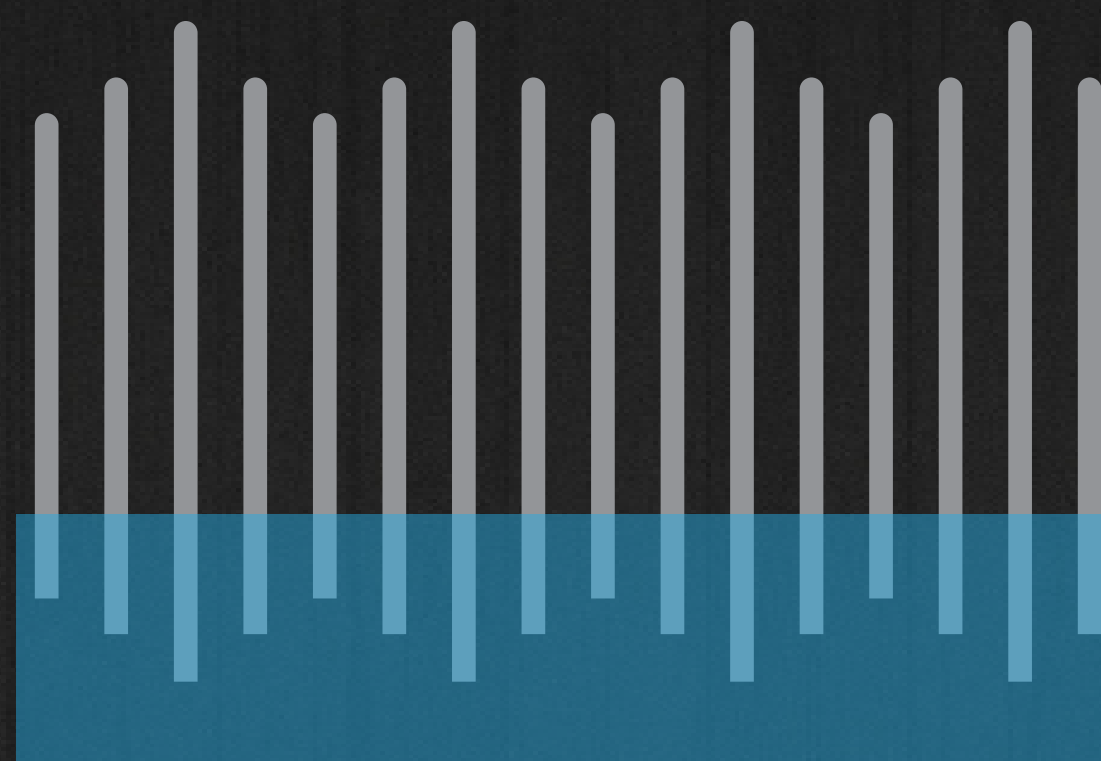


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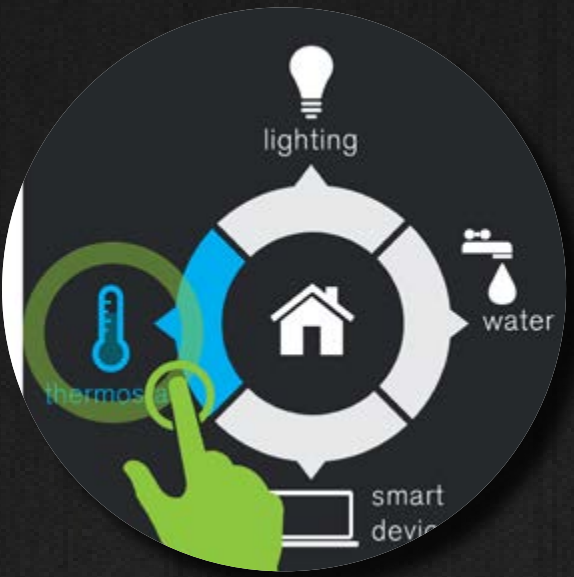
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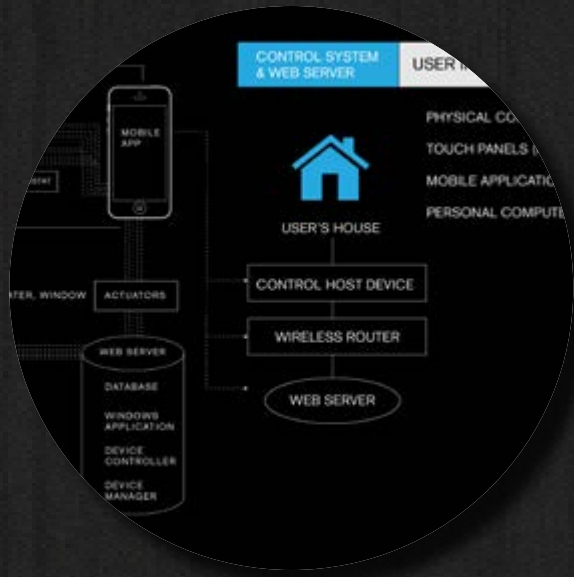
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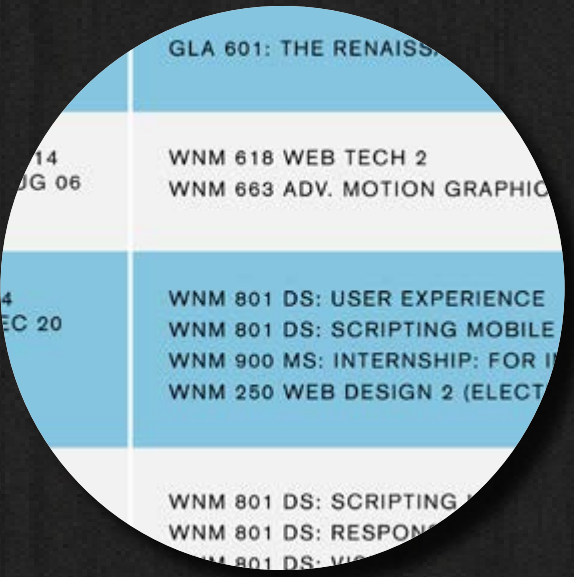
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Biography



This is about Adalene's
background and education.

Adalene Teh

Designer / Student

+1(415)608-6021 - San Francisco, CA 94133
bant339@gmail.com - www.adalenes.com



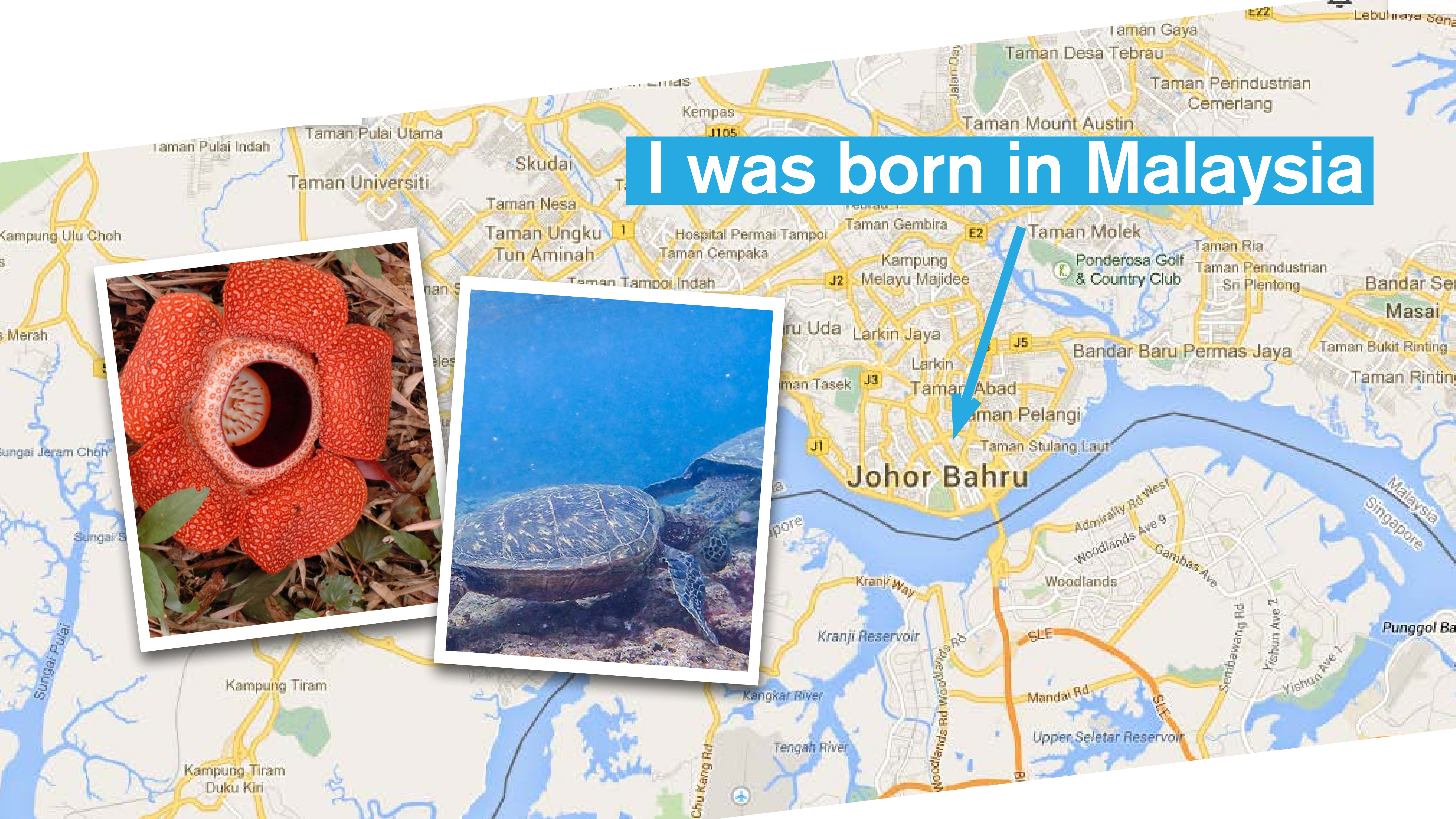
Biography

Hello! My name is Adalene.

I was raised in Malaysia. I studied Visual Communication in Taiwan, after graduating I worked in Singapore as a Graphic Designer. I now live in San Francisco where I study a Master degree in Web Design and New Media.

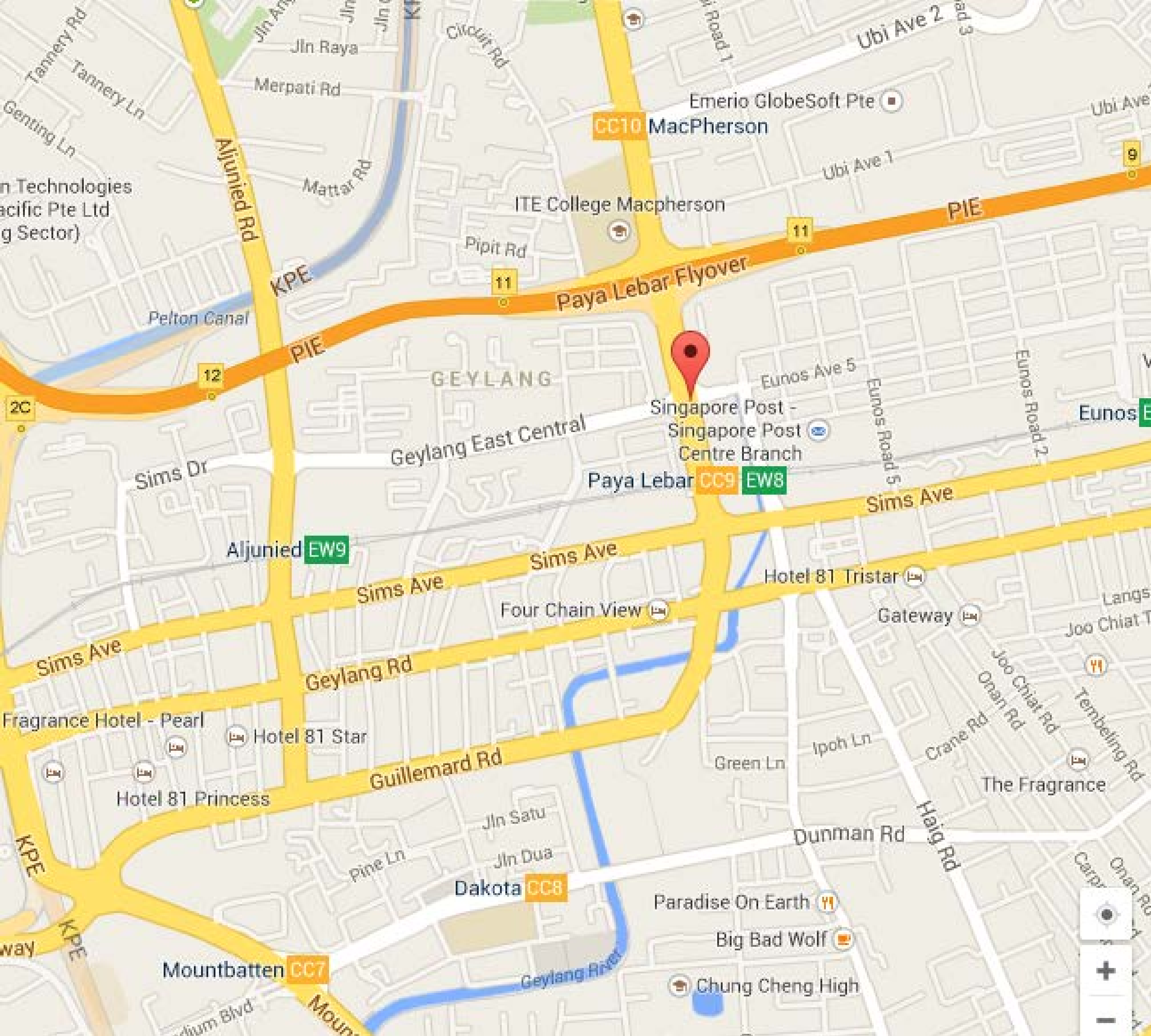
Bold, pure, simple and clean style reflects the nature and minimalistic designs of my artwork. I have a passion for everything related to art, especially how it connects with technology in ways that create immersive artworks. I also like gadgetry as it's small ideas that invoke big changes and make our life easier. I hope my artworks can help many people in the future.

I was born in Malaysia



Studied at Yuntech University for Visual Communication Design in Taiwan





Worked in
Singapore as a
graphic designer

Education

Master of Fine Art in Web Design and New Media

Academy of Art University - San Francisco Bay Area, CA

2013 to 2015 (still on going)

Bachelor in Visual Communication Design

National Yunlin University of Science and Technology, Taiwan

June 2011

Skills

HTML, CSS, JAVASCRIPTS, JQuery, API, User Experience, Graphic Design, Typography, Printing, Packaging, Branding, Concept Development, Motion Graphic and so on.

Software: Adobe Illustrator, Photoshop, InDesign, Dreamweaver, After Effect and so on.

Resume



Adalene's work experience and
exhibited artworks.

Working Experience

Graphic Designer - Lifestream Group Pte Ltd

Design Executive - The Eighth National Education Conference

Officer-in-Charge General Affairs - NYUST Association of International Student

Design Executive - Pixel Design and Marketing SDN BHD

Internship as a graphic designer- Colorganda Branding & Design Company

Exhibitions Experience

DATE	LOCATION	ORGANIZERS	EXECUTIVE ORGANIZERS	EXHIBITIONS	TITLE
Dec 2007	HAM Gallery in Taiwan	Hugo Garden	Hugo Garden	Island tour	When Indian Meet With Corba
May 2011	TWTC Exhibition Hall in Taiwan	Industrial Development Bureau, Ministry of Economic Affairs	Taiwan Design Center, Taiwan Design Alliance	2011 Young Designer's	Encanto : Explore The World Of Viruses
OCT 2011	TWTC Exhibition Hall in Taiwan	Ministry of Economic Affairs, Taipei City Government	Taiwan Design Center, Taiwan Design Alliance	2011 Ida Congress Taipei (International Design Alliance)	Encanto : Explore The World Of Viruses



ACADEMY of ART
UNIVERSITY

FOUNDED IN SAN FRANCISCO 1929

Here
I am!

Portfolio



Adalene's completed artworks
from the Web Design and New
Media Department in Academy of
Art University.

www.adalenes.com

WNM 605

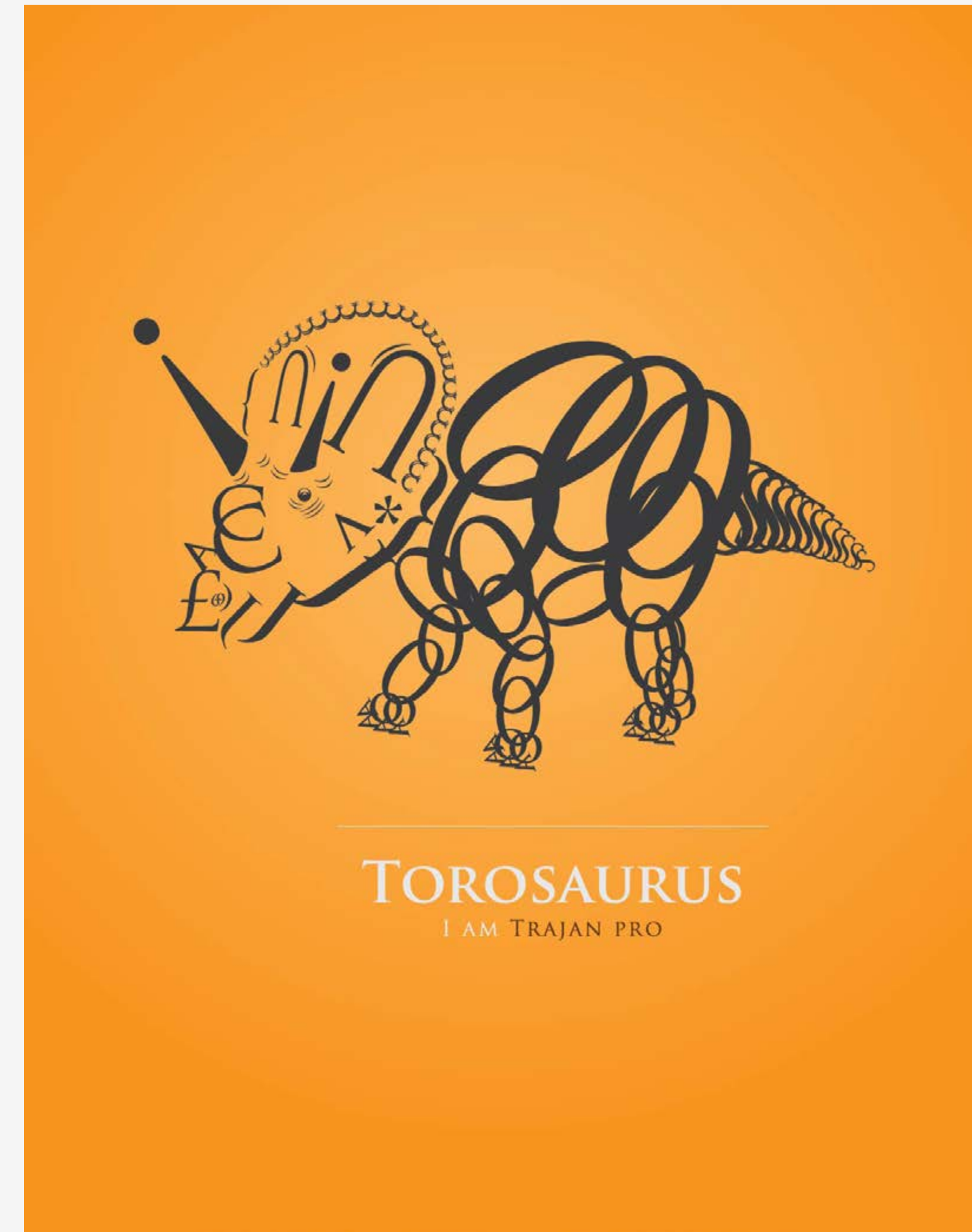
Typography for

Digital Masters

Project: It's a glyphs art project.

Software: Adobe Illustrator

Instructor: Emilie Drumm



WNM 605

Typography for Digital Masters

Project: A Drink Logo Design And

A Drink Label Design

Software: Adobe Illustrator

Instructor: Emilies Drumm



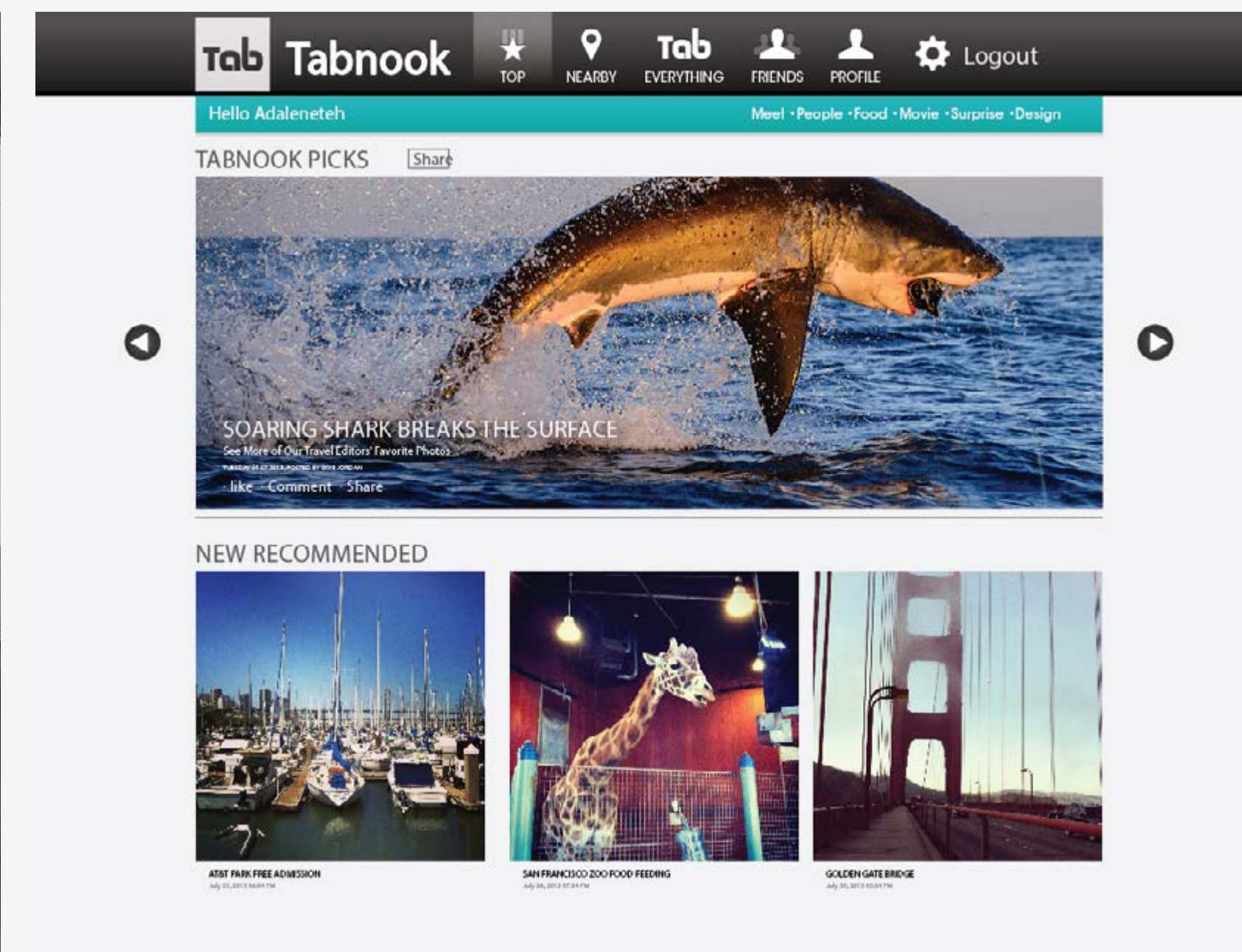
WNM 605

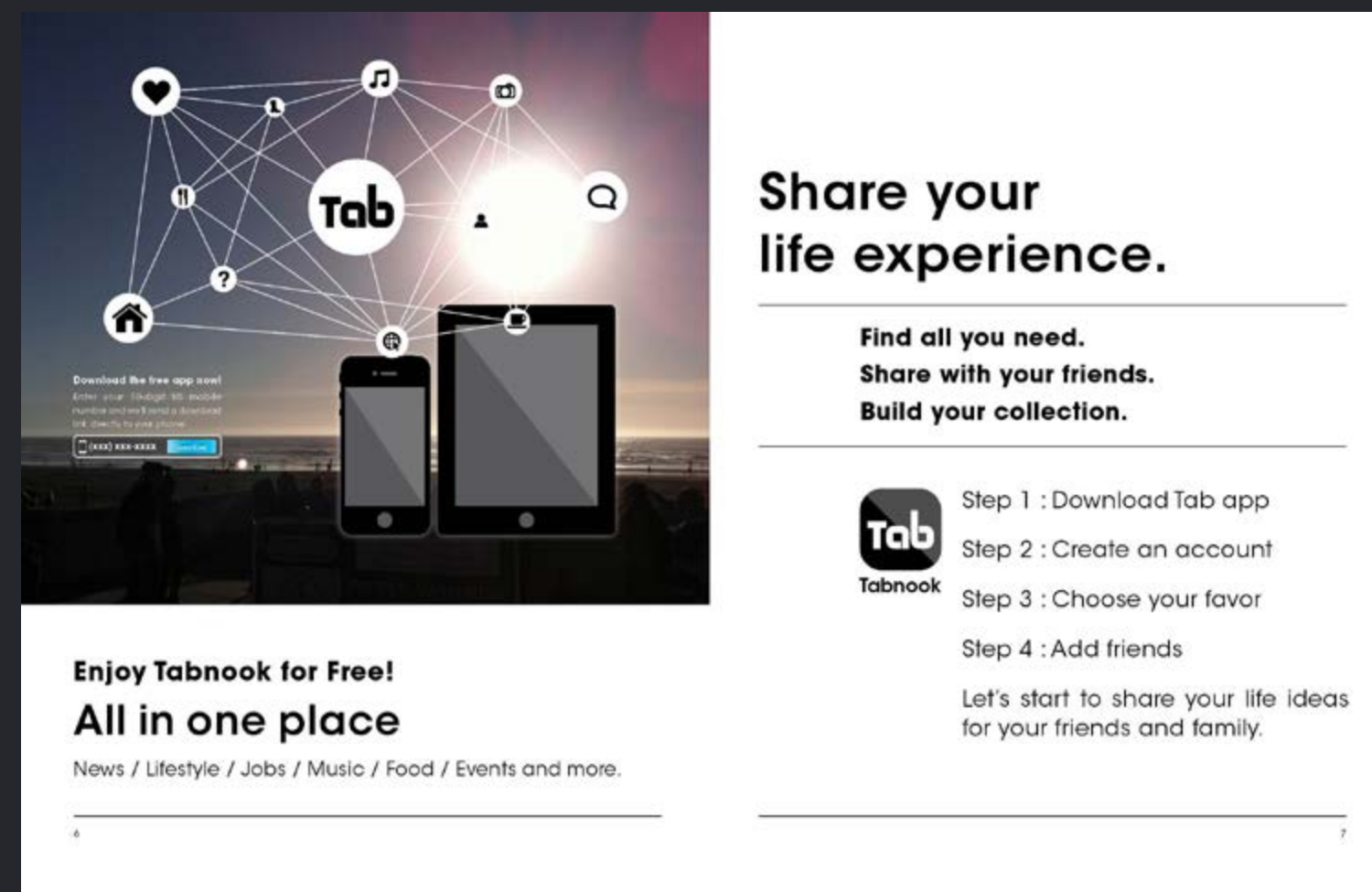
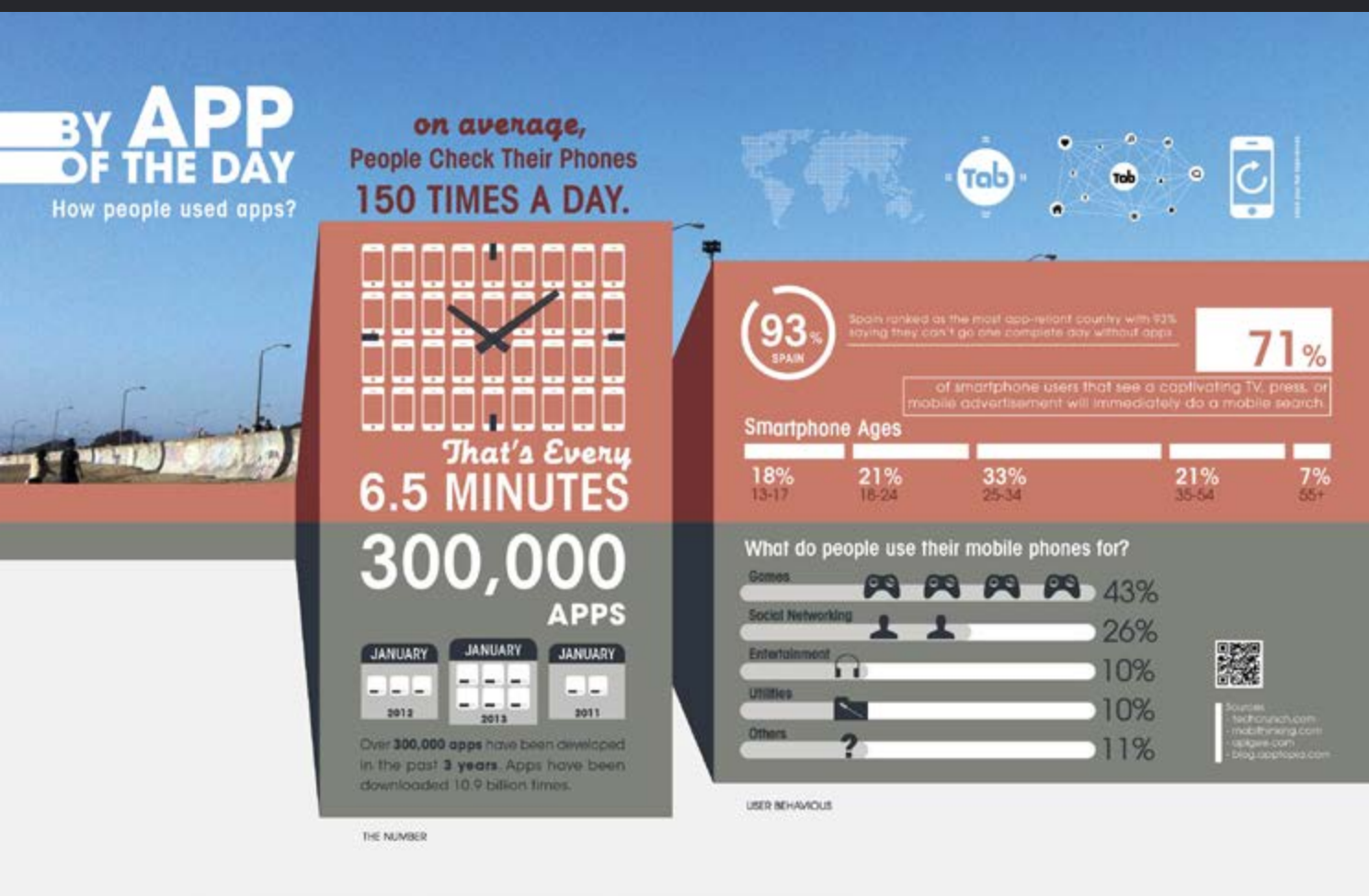
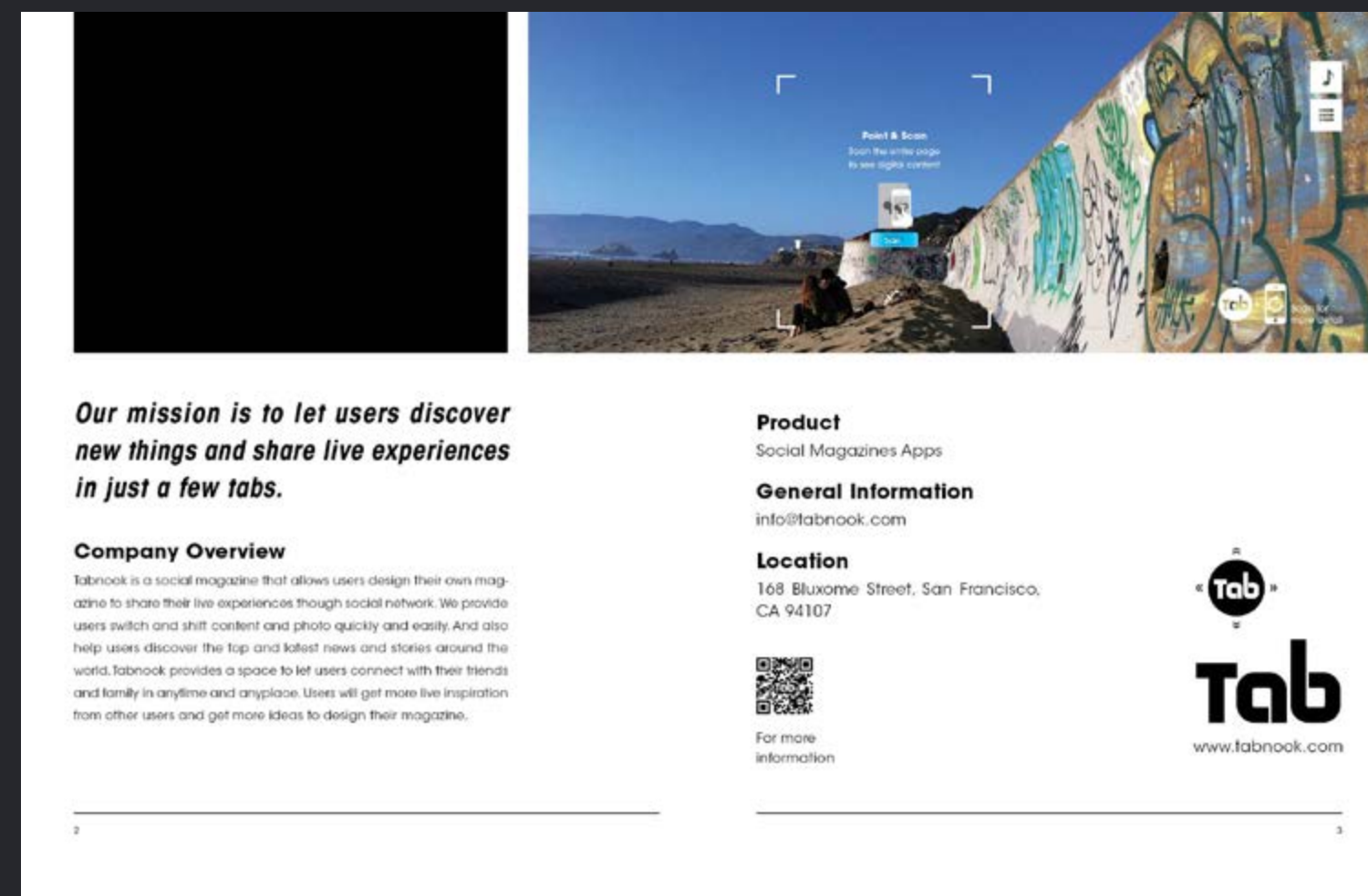
Typography for Digital Masters

Project: A Web Design For Tabnook Application.

Software: Adobe Illustrator

Instructor: Emilies Drumm





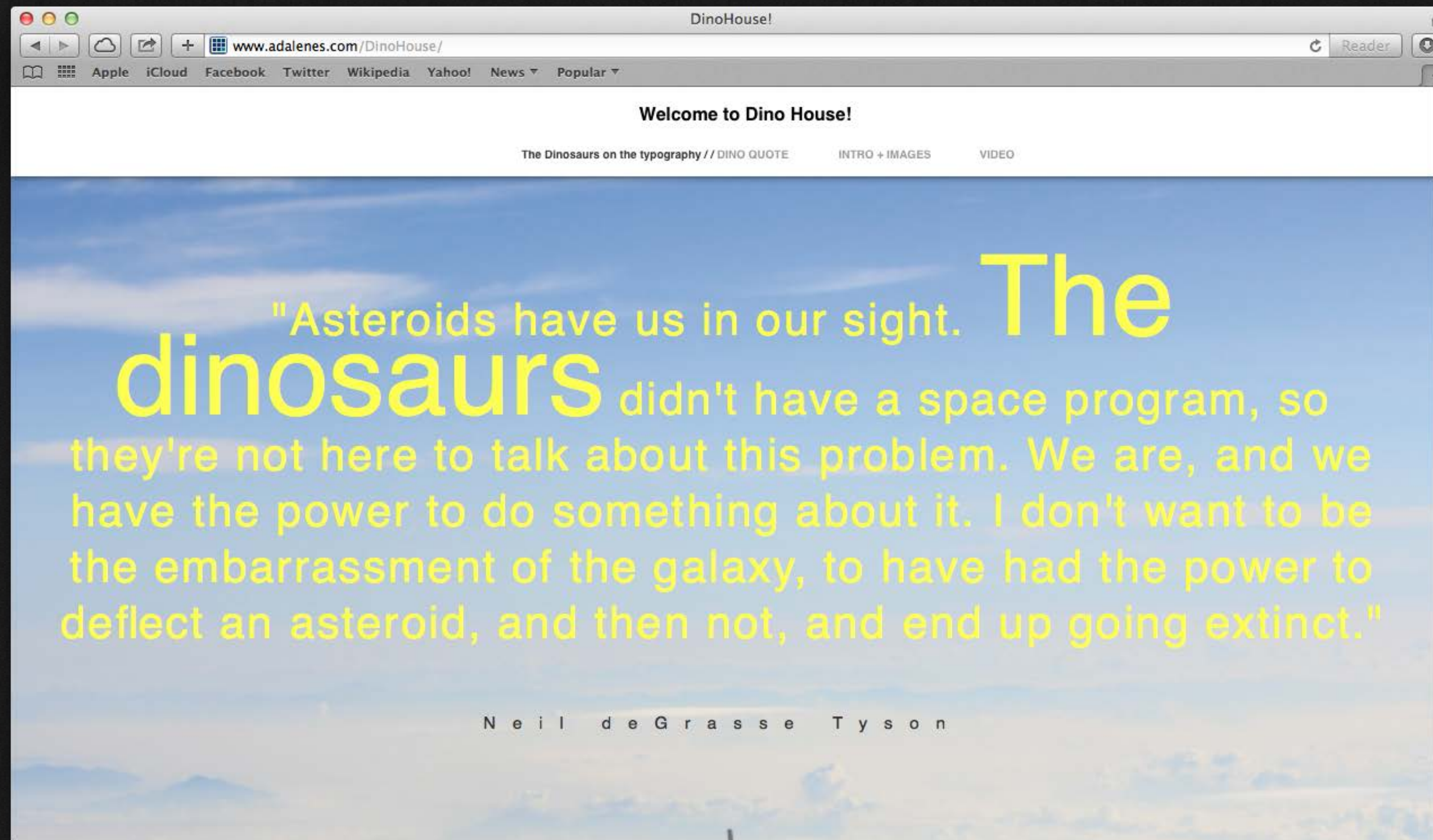
WNM 605

Typography for Digital Masters

Project: A livebook where you can scan the page of the book to get more information from your smart phone.

Software: Adobe Illustrator

Instructor: Emilies Drumm



WNM 601

Inside

Programming

Project: A Web Design For Dinosaurs

Software: Adobe Dreamweaver

Instructor: Andrea Pimentel

WNM 601

Inside

Programming

Project: A Web Design For Harvey Milk

Software: Adobe Dreamweaver

Instructor: Andrea Pimentel



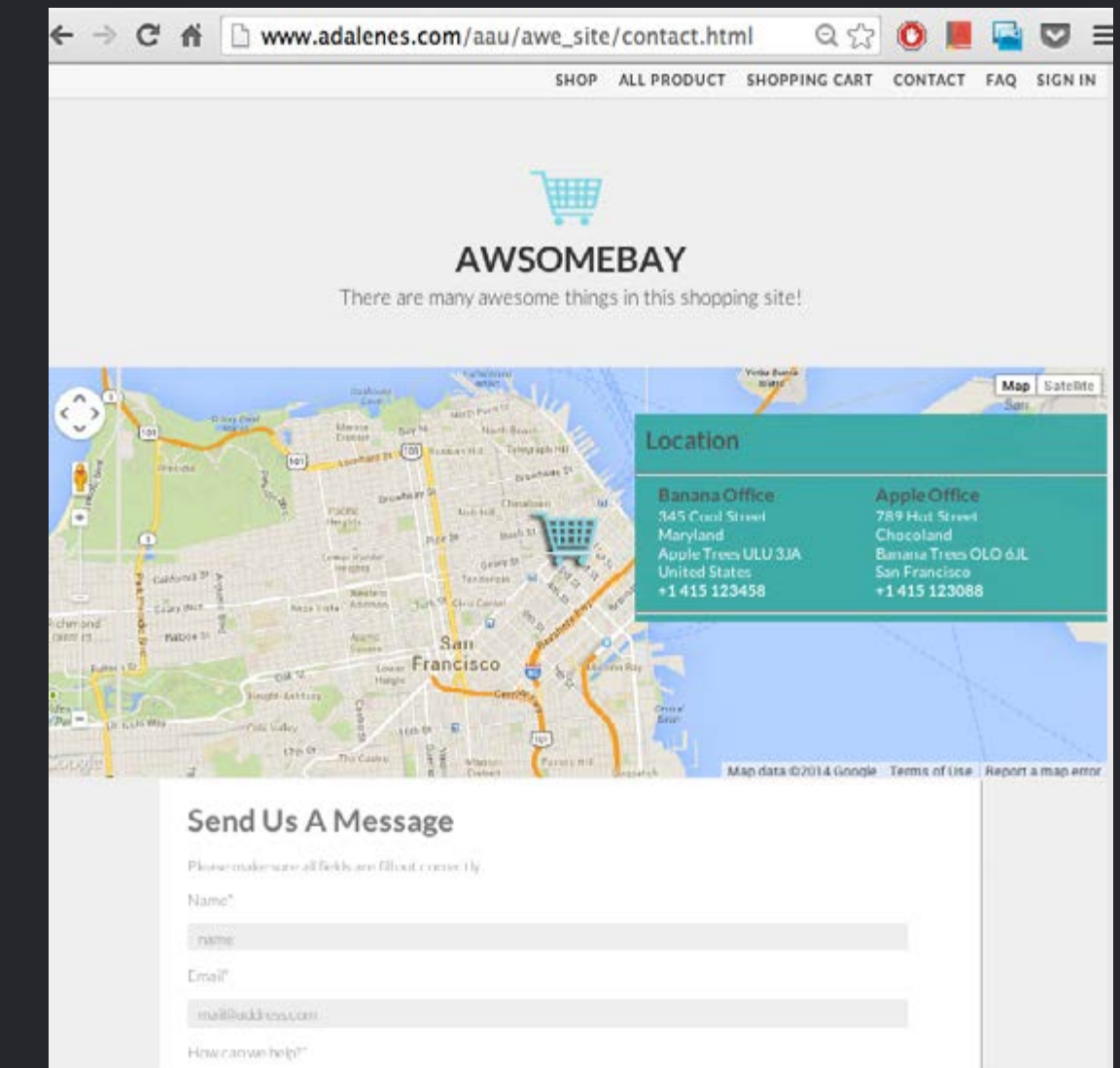
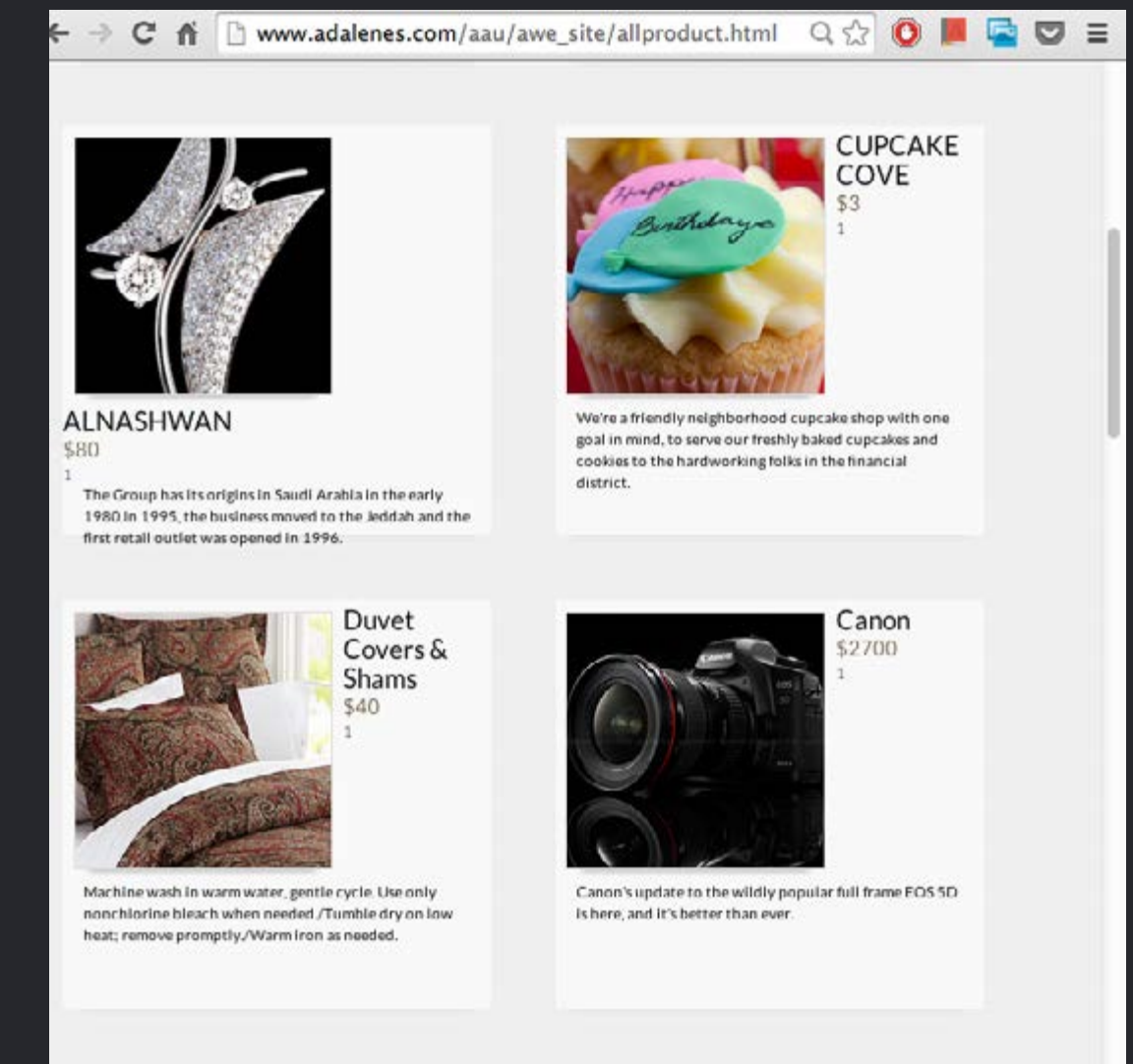
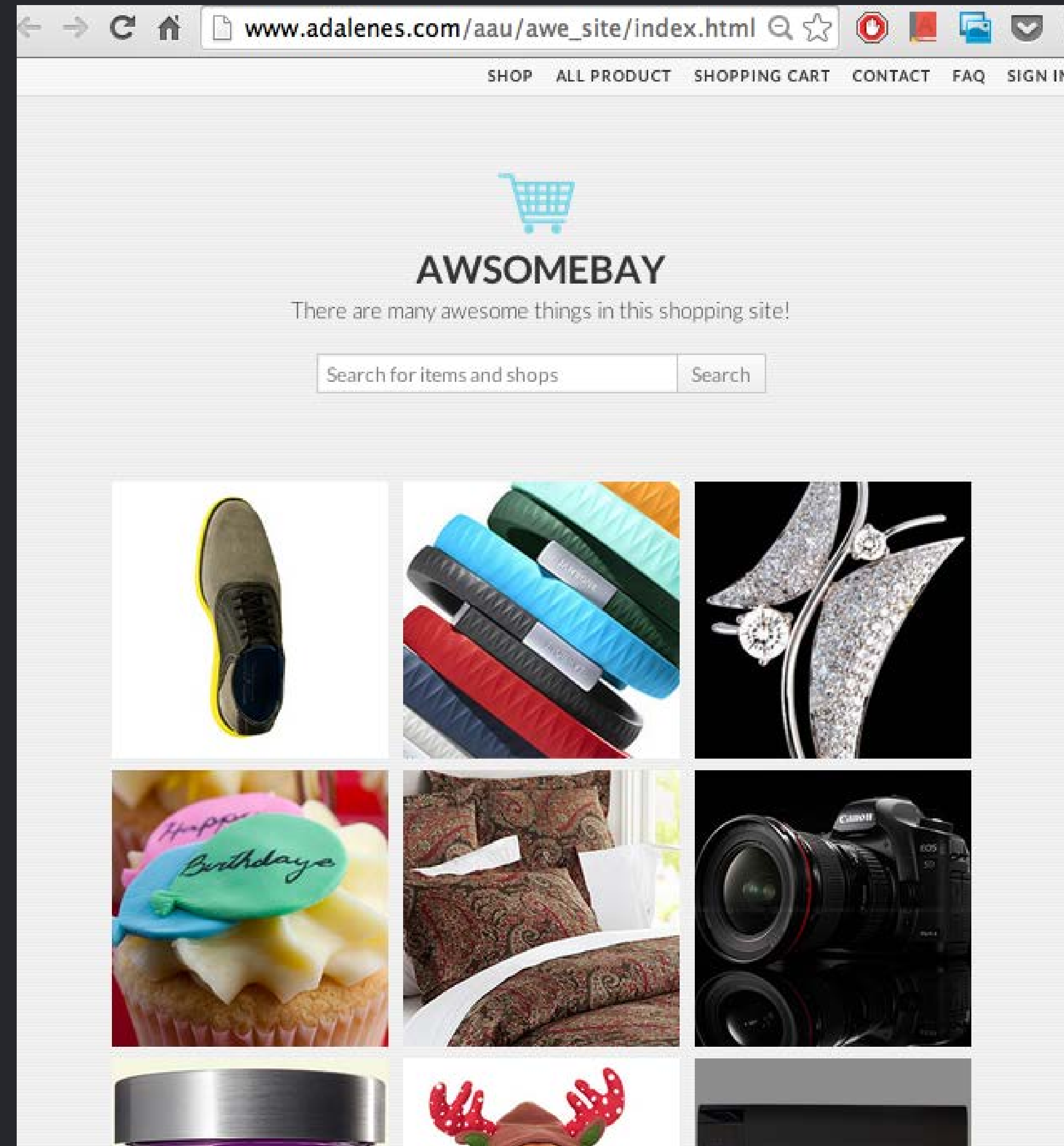
WNM 605

Web Tech 1

Project: E-Commerce Website

Software: BBEDIT, FTP, DATABASE

Instructor: Ethan Wilde



WNM 617

Mobile Web Tech

Project: JQuery Mobile Practice

Software: Adobe Dreamweaver

Instructor: Andrea Pimentel



Statement of Interest

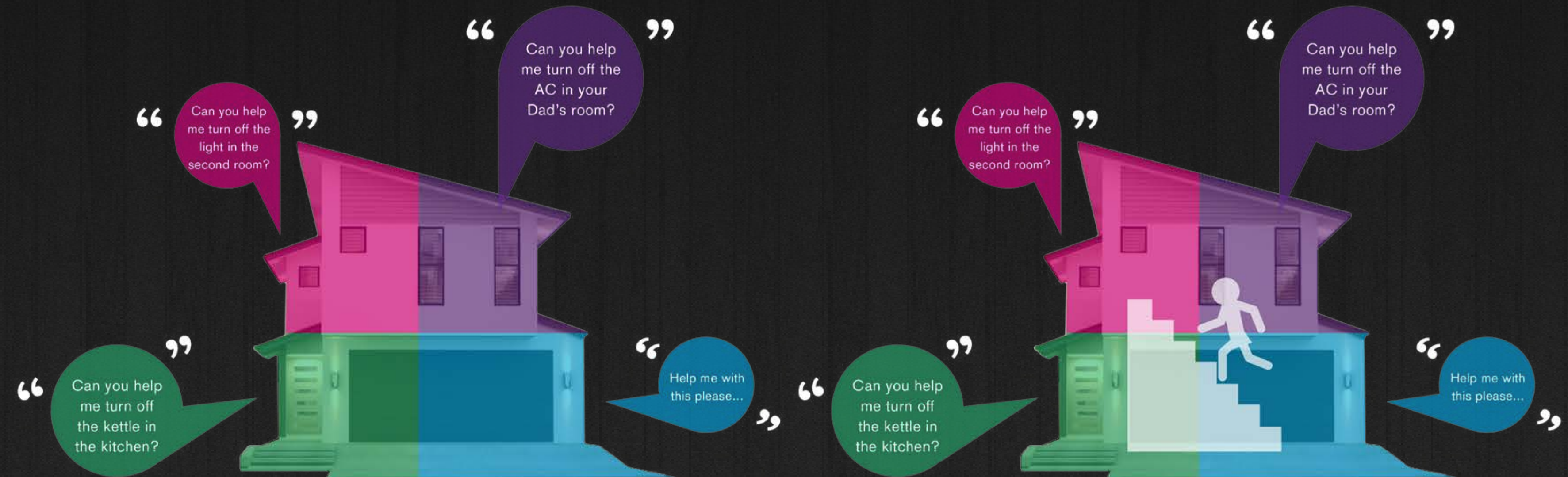


This is a little story about why
people want to have Home Pilot.



source: <http://www.pinterest.com/pin/285274957620670113/>

The story started from
my mum's house.



My mother always says ...

"Can you help me turn off the
AC in your Dad's room?"

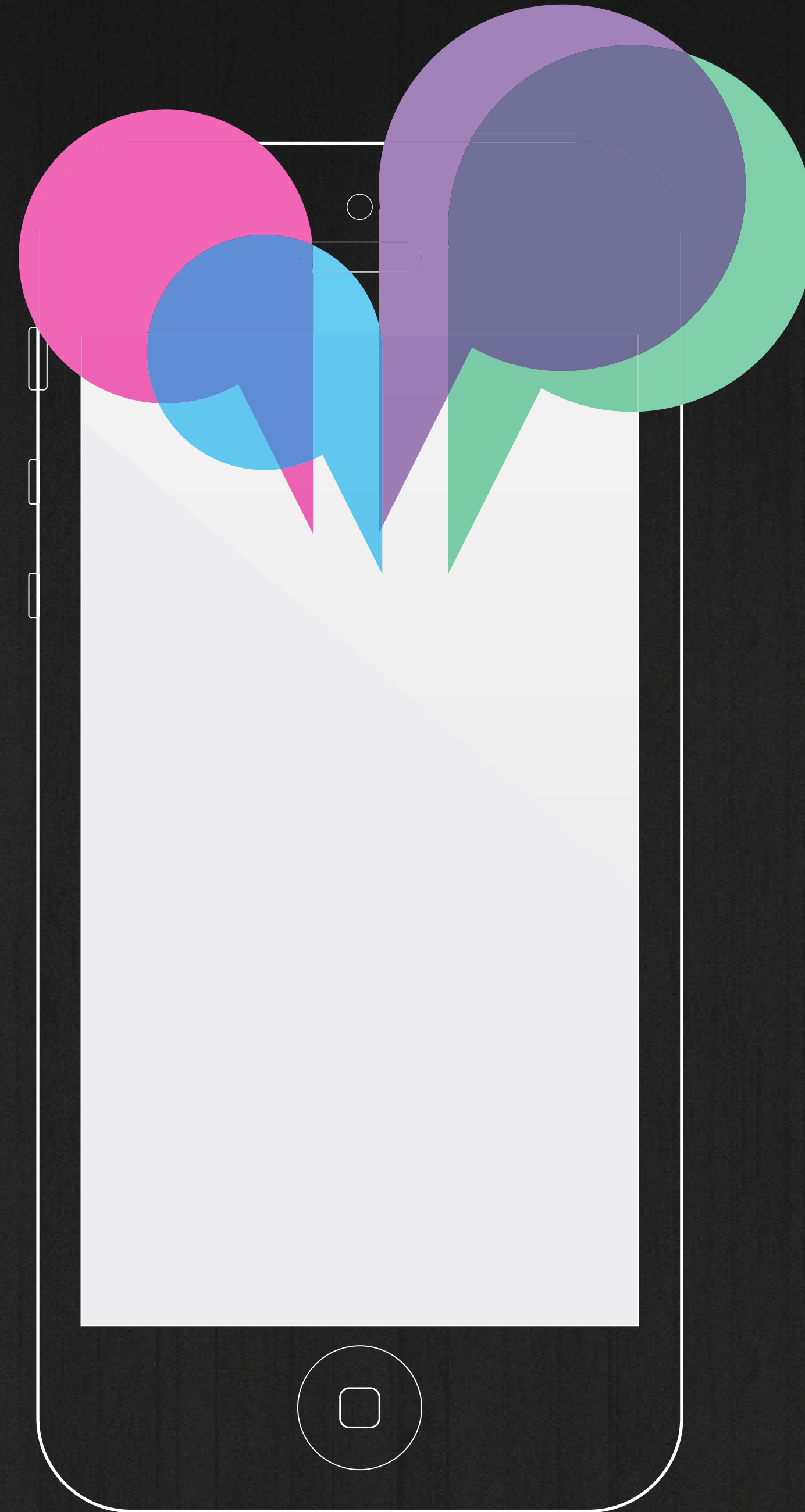
.... Can you help me turn off
the light in the second room?...

Can you help me turn off the
kettle in the kitchen?...

Help me with this please...

so I always had to run between
the first and second floor. But I
didn't want to pause my game or
TV as I was in the moment – very
annoying :(

Therefore, **I wish I would have had a remote control** so I could control such trivial devices while I was focusing on my favorite TV show or even better...she could control them herself! It would have made my life easier and happier.



The Problems



Hectic Lifestyle

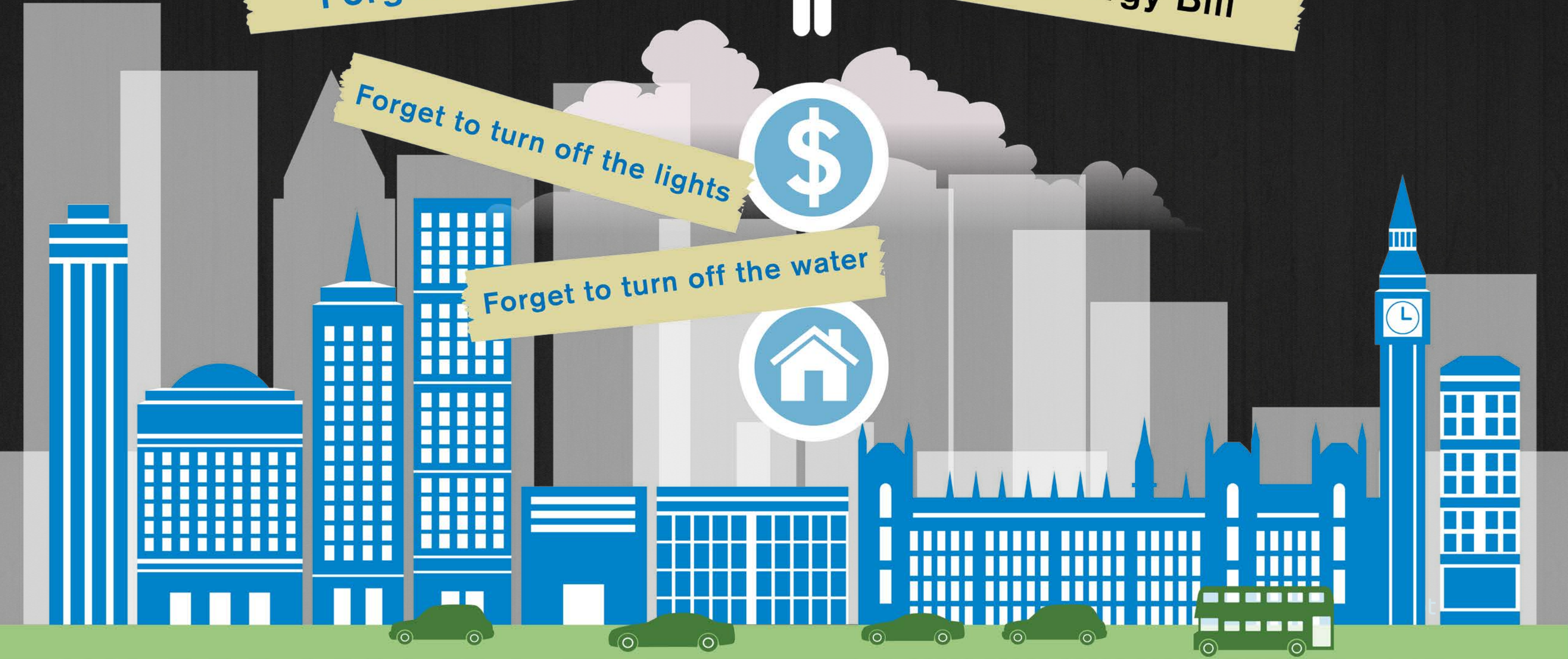
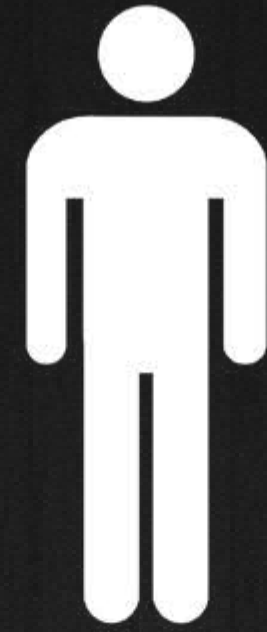
Forget Stuff

Forget to turn off the lights

Forget to turn off the water

Energy Wasted

High Energy Bill



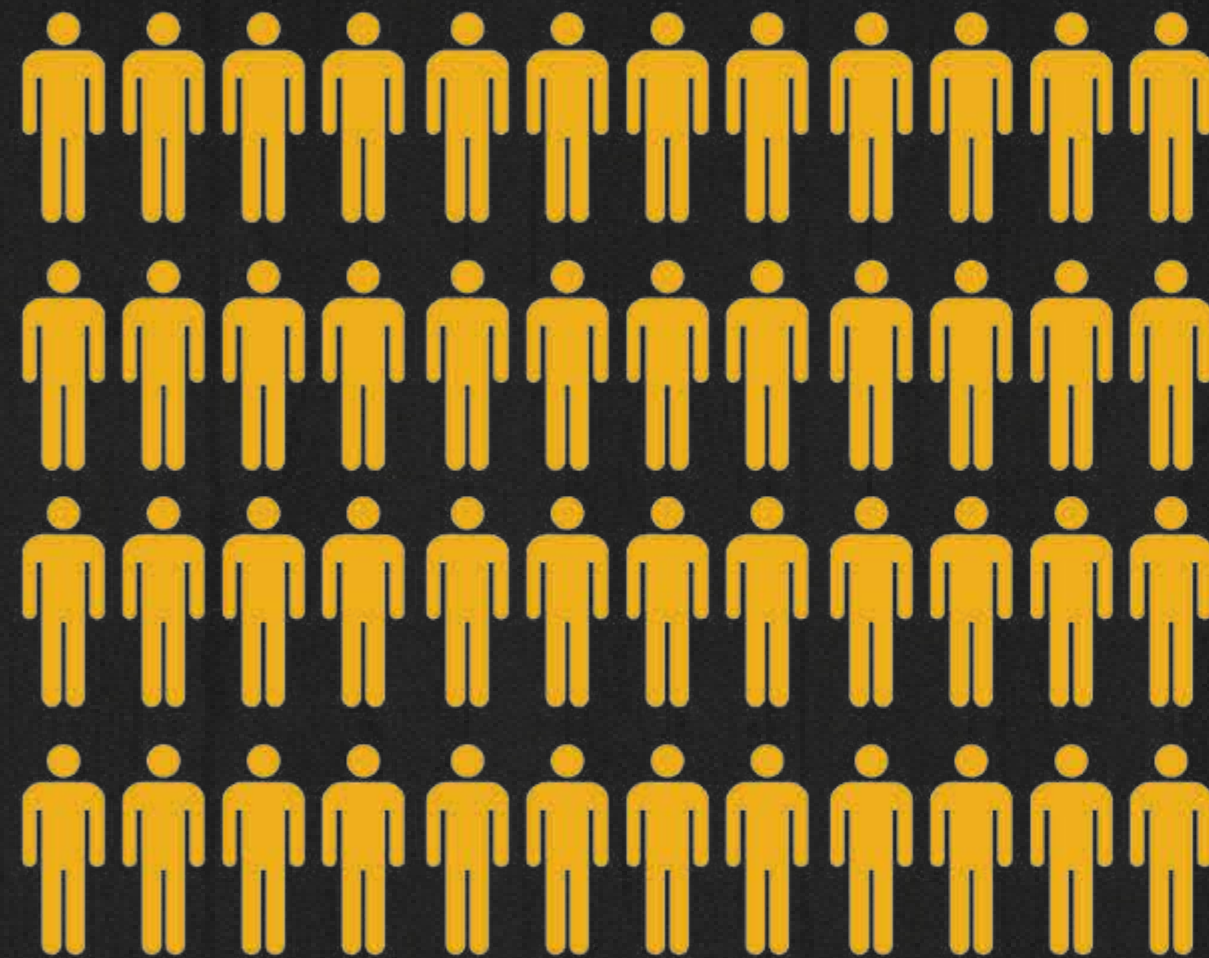
Market Research



The market research includes the target audience, high energy bill, American lifestyle, and smarthome future.

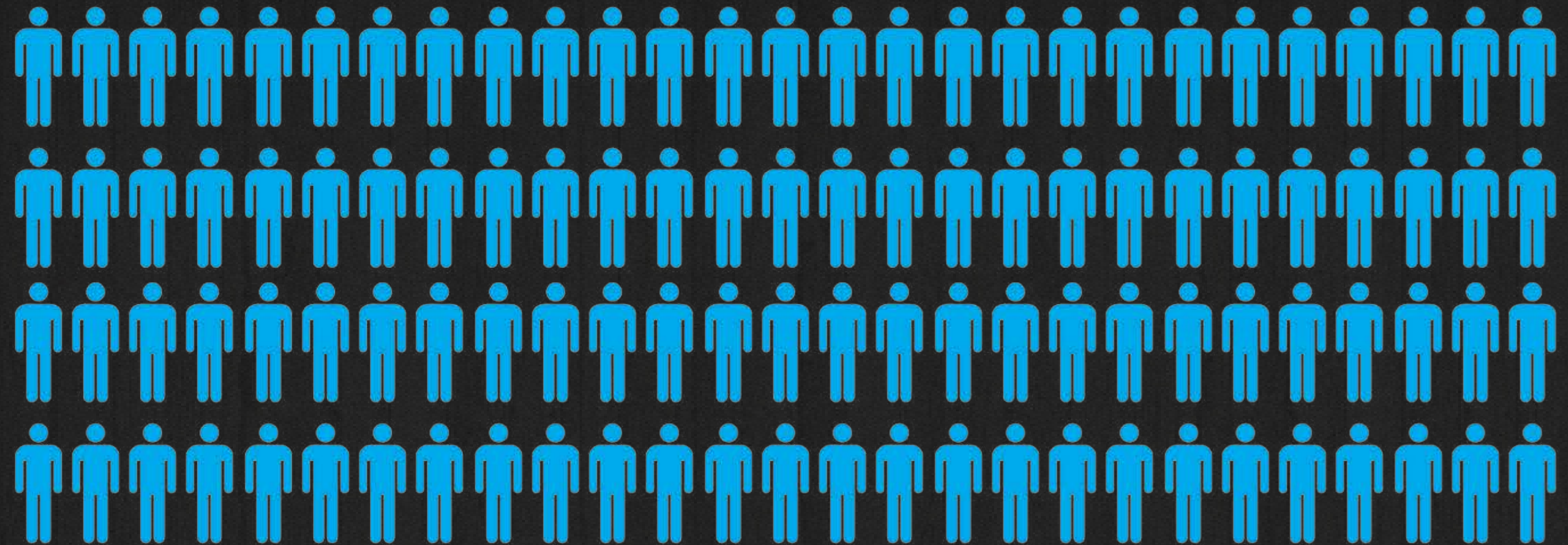
Target Audience

35%



Renter-Occupied

65%

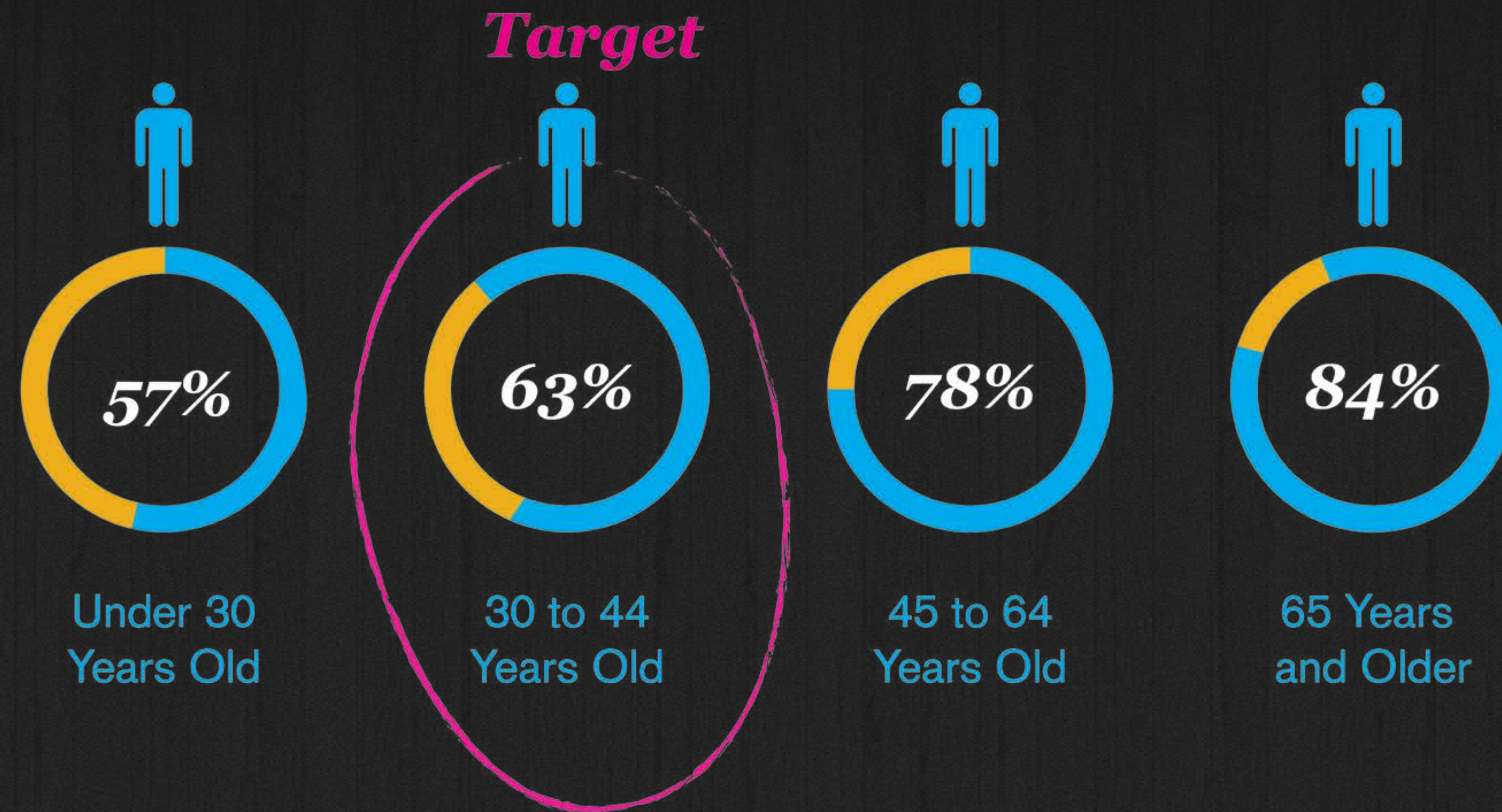


Owner-Occupied

U.S. Households

<http://www.nmhc.org/Content.cfm?ItemNumber=55508>

Source: NMHC tabulations of 2012 Current Population Survey, Annual Social and Economic Supplement, U.S. Census Bureau (<http://www.census.gov/cps>). Updated October 2012.



People in Owner-Occupied Housing

<http://www.nmhc.org/Content.cfm?ItemNumber=55508>

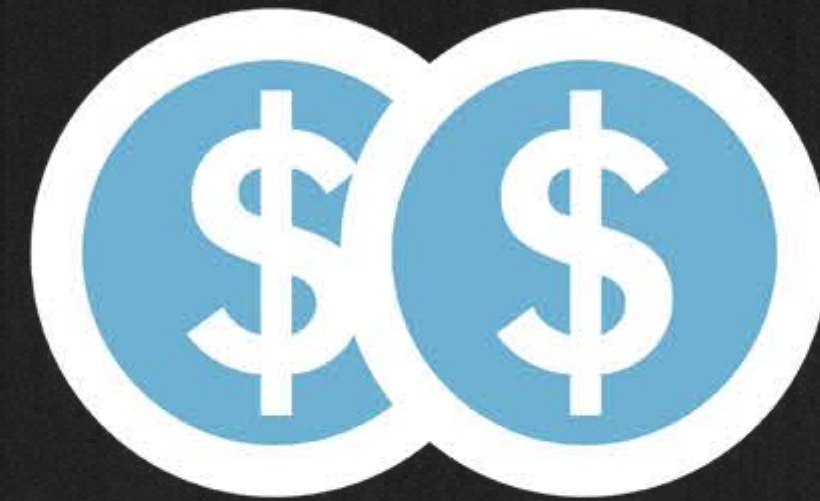
Source: NMHC tabulations of 2012 Current Population Survey, Annual Social and Economic Supplement, U.S. Census Bureau (<http://www.census.gov/cps>). Updated October 2012.

\$53,046



U.S. Total

\$61,400



California

\$74,922



San Francisco, Oakland
Fremont, CA Metro Area

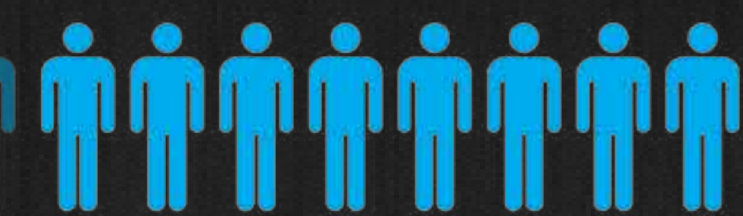
In 2008-2012

The average household income in the U.S.

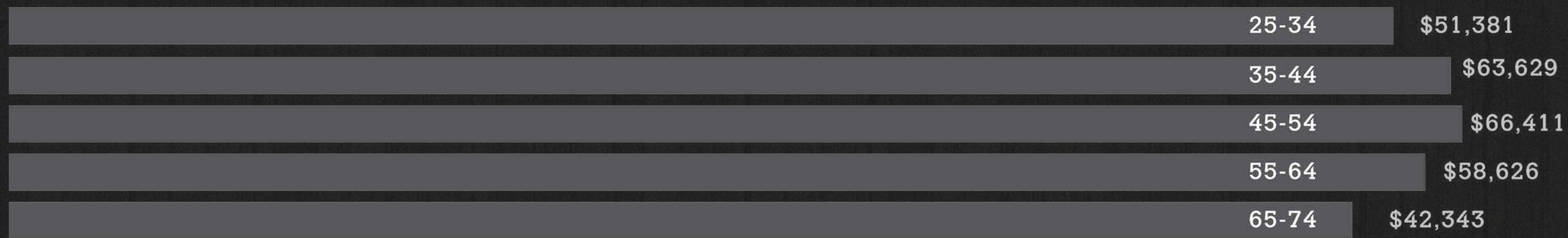
<http://quickfacts.census.gov/qfd/states/00000.html>
<https://www.census.gov/prod/2013pubs/acsbr12-02.pdf>



34% of 25-71 ages' Americans are spending on housing in a year



Median household income, by age of householder, 2012



to save money

High Energy Bill



10,837 kWh

ANNUAL

In 2012, the average annual electricity consumption for a U.S. residential utility customer was 10,837 kWh, an average of 903 kilowatthours (kWh) per month.

How much electricity does an American home use?

<http://www.eia.gov/tools/faqs/faq.cfm?id=97&t=3>



\$ 107.28

\$ 11.88
(Average Price)



\$ 87.91

\$ 15.35
(Average Price)



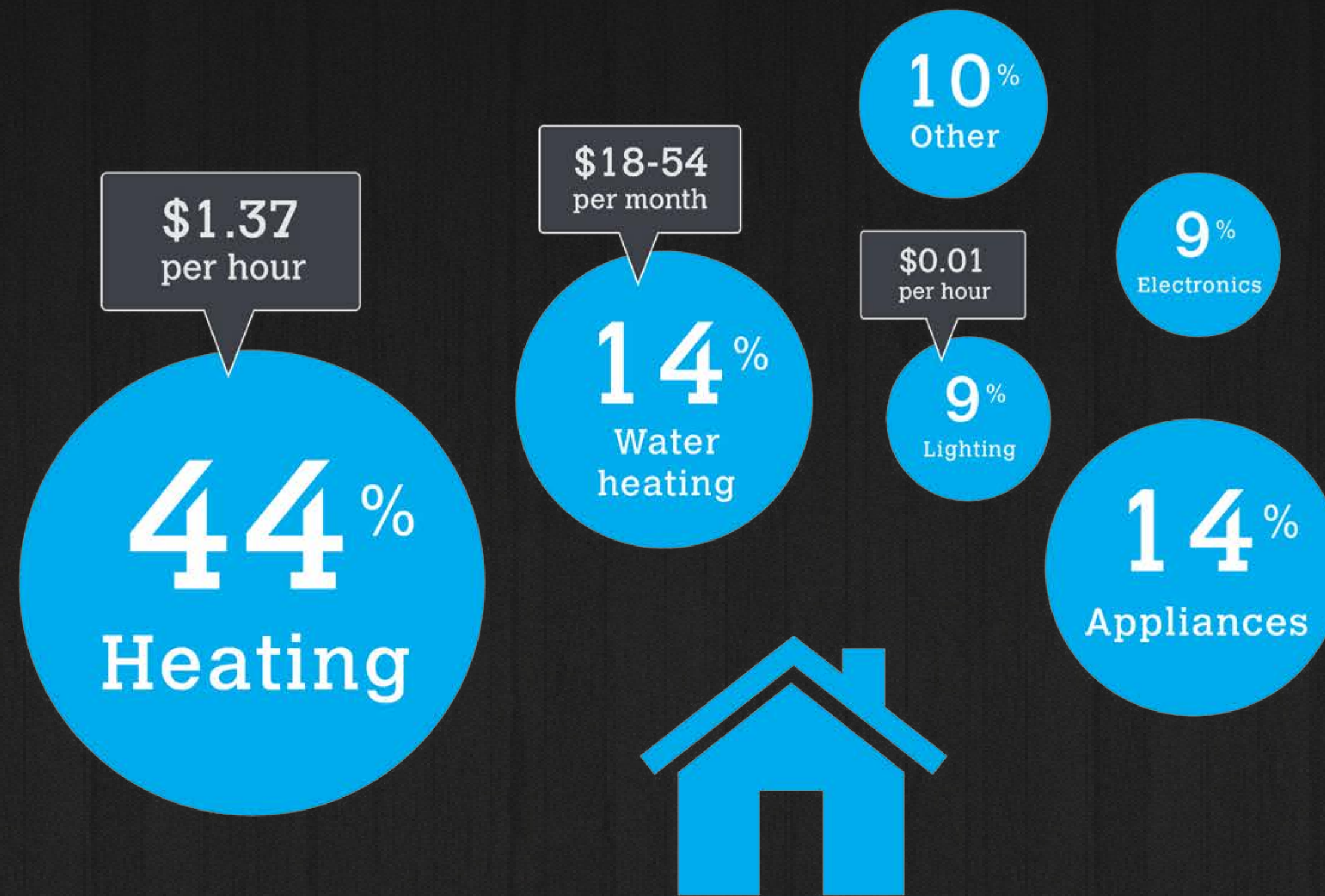
\$ 106.14

\$ 17.62
(Average Price)

In 2012

The average monthly bill in the United States

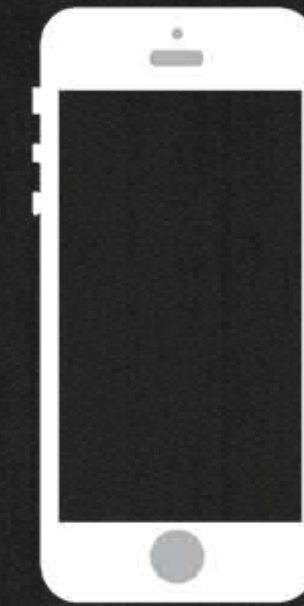
<http://www.eia.gov/tools/faqs/faq.cfm?id=97&t=3>



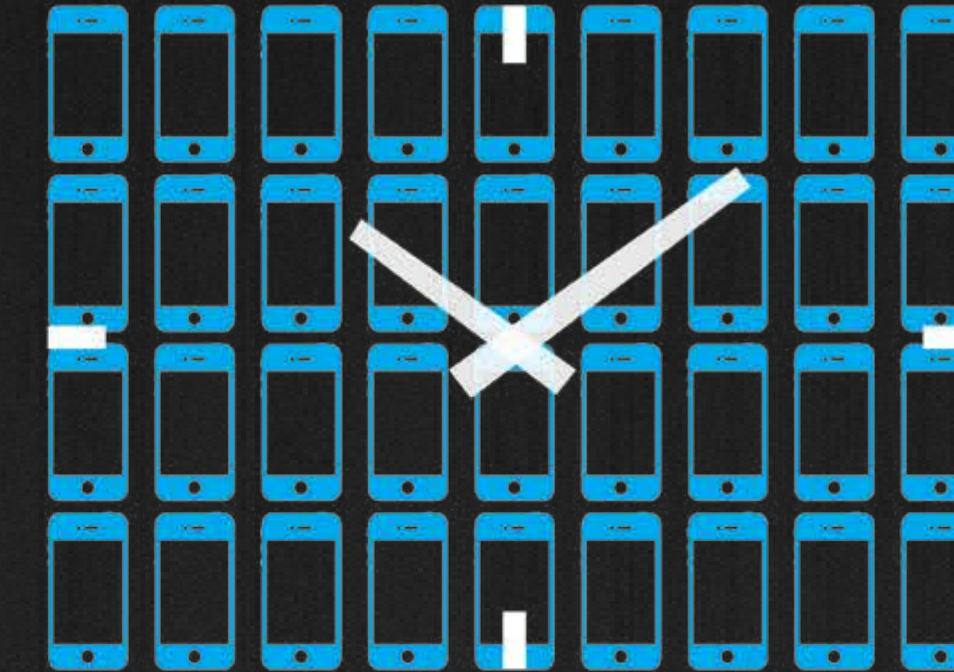
The average monthly energy bill broken down by category in the United States

<http://www.eia.gov/consumption/residential/data/2009/#undefined>
http://www.eia.gov/consumption/residential/reports/2009/state_briefs/pdf/ca.pdf

American Lifestyle



on average
People check their phones
150 TIMES A DAY
That's Every
6.5 MINUTES



86%

of mobile internet
users are using
their devices while
watching tv

75%

of Americans
bring their
phones to the
bathroom

68%

of Americans place
their mobile phone
next to their bed
while sleeping at
night

Smarthome Future

Monitoring energy usage

on average,
people with home automation
receive home insurance savings of **20%** or **\$1,154**
a year

The average household
energy bill is

 **\$110** 
each month

But with home
automation you'd save

 **\$16.50**  or **\$198**
each month per year

1.8 million



home automation systems
were installed in the US

last year

12 million



home automation systems are
expected to be installed in

the US by **2016**

mintel.com | epa.gov | digby.com | mobile-statistics.com | statisticbrain.com | jbsnews.com

Thesis Abstract



This is an introduction of
Home Pilot Application.

Have you ever forgotten your house keys, or forgot to turn off the lights after you leave, or even forgot to switch off the heater? These small things are easy to forget in our daily life, but can be very frustrating if we make those mistakes frequently or even only once.

homepilot is an app on your smartphone to control the environment of your house and help you conserve electricity. It provides a service that links all of your electrical devices in one platform. Home pilot also helps you analyze how much of your devices cost on electricity so you can check the data to avoid vampire draw (leaking electricity) and waste the energy. home pilot also allows you to set alarms, reminding you to turn on or off a setting.

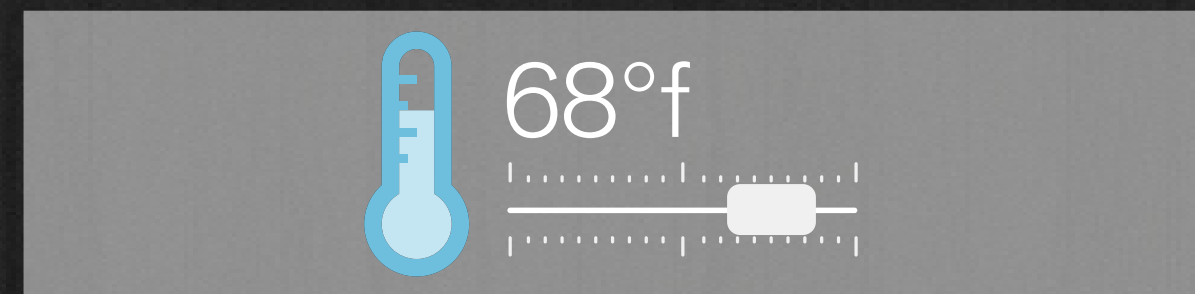
For example, as an office worker it would be useful for me to use home pilot's setting and alarm before I go sleep. From the setting I will turn on the lights at 7 am every weekday in my bedroom and bathroom to help me wake up; 7:30 am the kitchen's lights will automatically turn on because it's the time I will go grab my breakfast; lastly, I don't want to turn off all the electrical devices one by one in my house, because I'm rushing, so Home Pilot will have a function to help me do it after I leave my home. Home Pilot helps us to save energy and have peace of mind.

The segmentation of home pilot

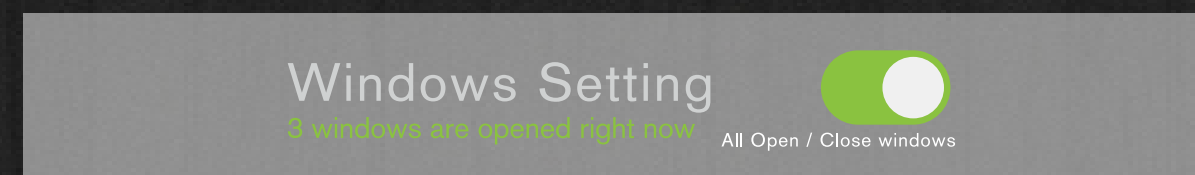
Home Pilot focuses on automated control that uses predictive analysis to determine when devices should be active based on your habits. Therefore, you can enjoy your cozy home environment, like you were having someone to service you.

What is Home Pilot?

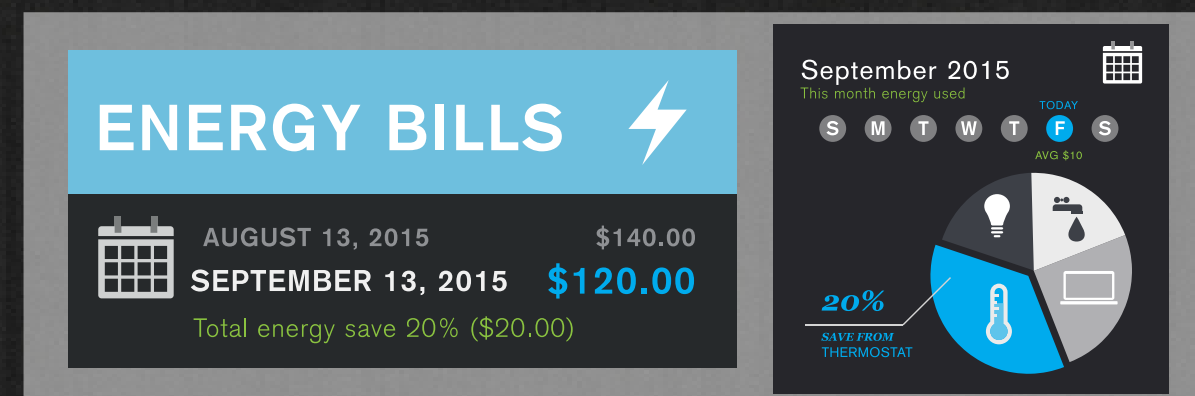
Home Pilot is an app on your smartphone to control the environment of your house and help you conserve electricity.



Monitor
your home
environment

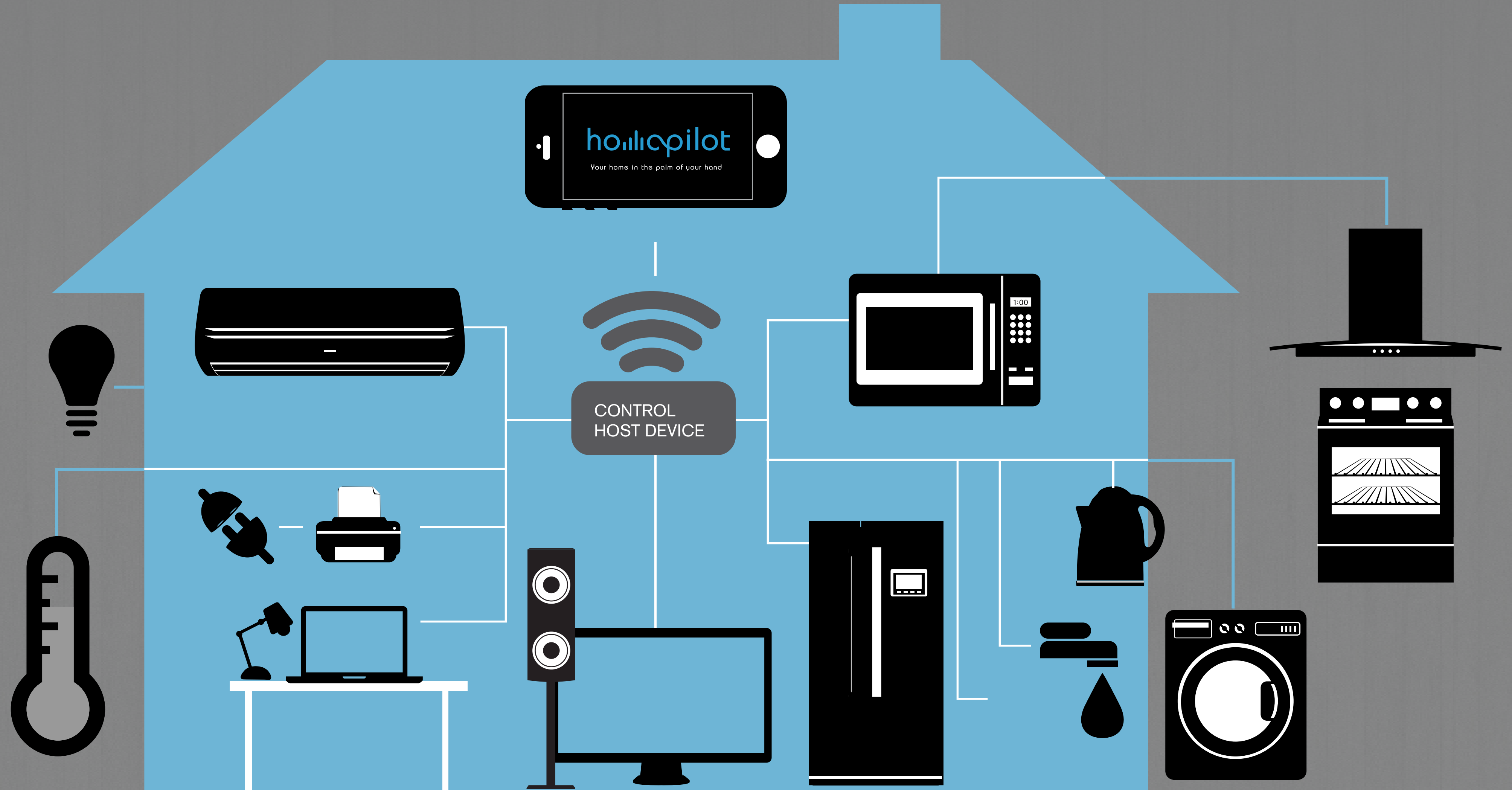


Track
your home
environment



Review
your home
energy





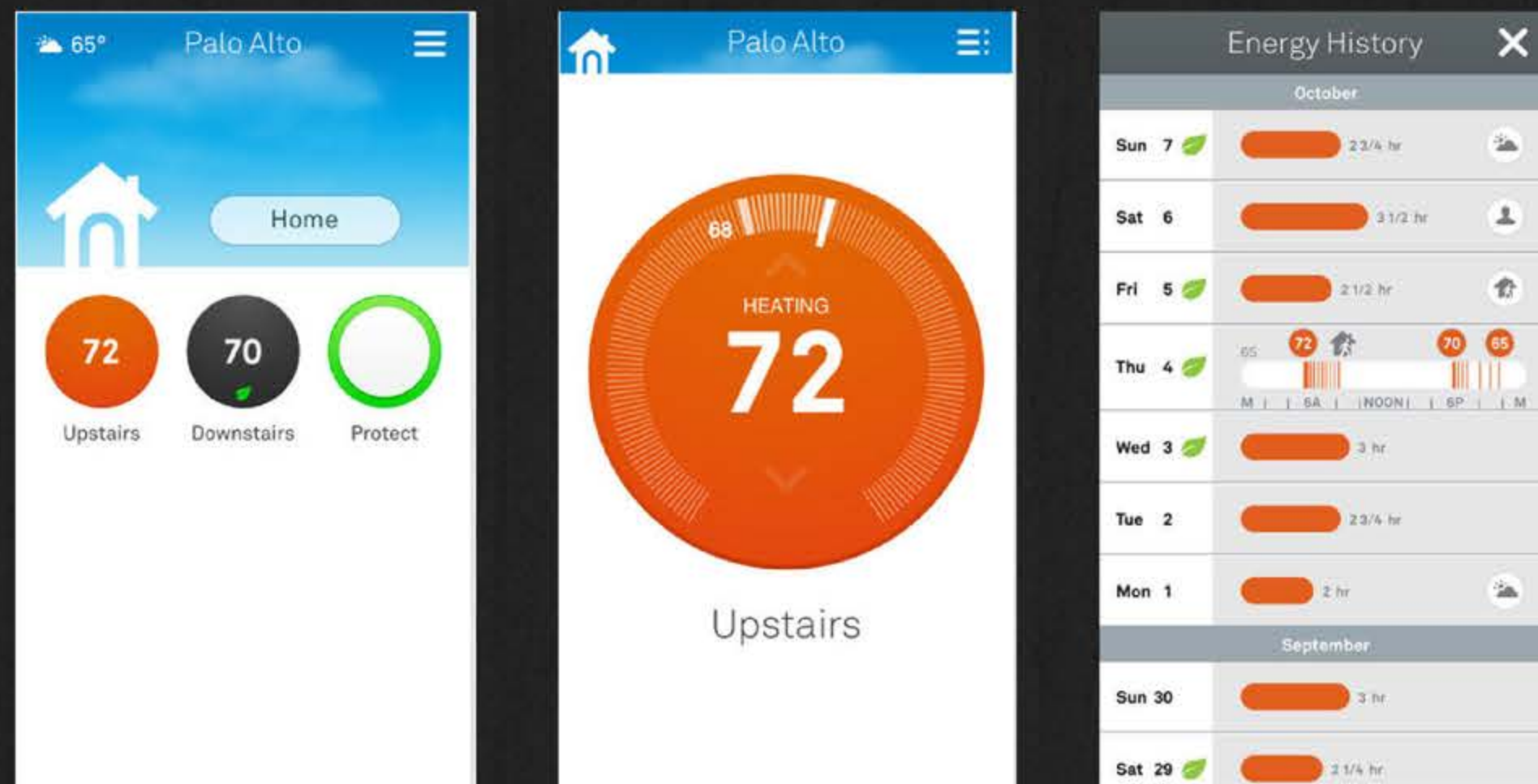
Competitors

**PROS
VS
CONS**

The main competitors are NEST, SAMSUNG, AT&T, XFINITY, ZULI.

COMPETITOR NEST APP

NEST is an app for iPhone, iPad or iPod touch where you monitor Nest Thermostat, Nest Protect smoke and other Nest products. The app helps you adjust the temperature on your Nest Thermostat and get notifications for important events, such as emergency alarm.



PROS

- Beautiful and simple interface design.
- Easy to understand the user interface contents.
- Smart features: Filter Reminders, Weather, Humidity, Temperature sensors and etc.

CONS

- Customer reviews report many bugs in the application.
- Customer feedback reports unstable connections with the application.

COMPETITOR SAMSUNG

Samsung Smart Home Control is an app for smartphone, tablet or pc where you control Samsung TV, Samsung Washing Machines, Samsung Air Conditioners and Samsung PC. The app helps you to do basic remote control on your Samsung smart products at anywhere.



PROS

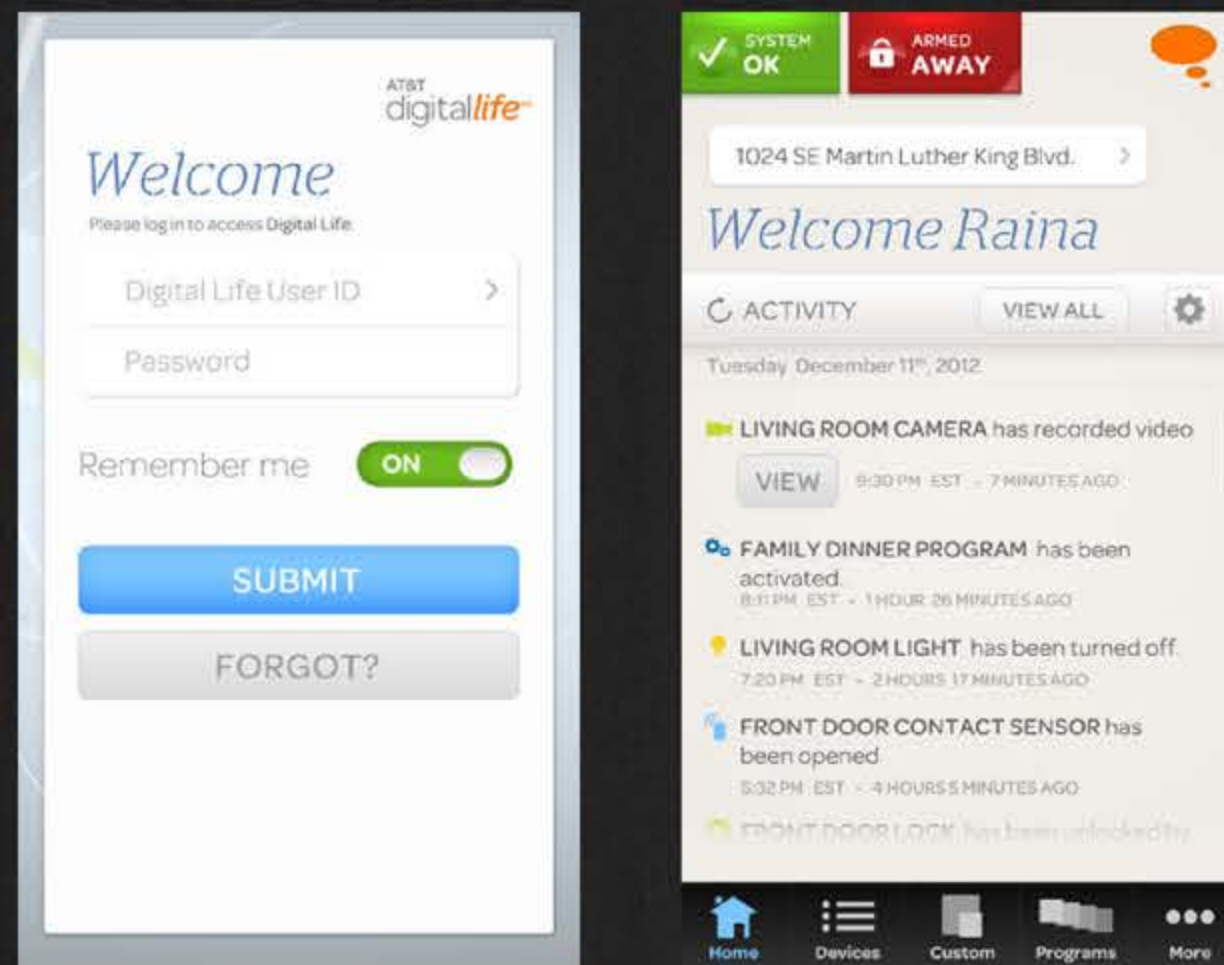
- Your mobile device can work as a remote control.
- The design of the UI looks like original remote control, which mean users easy to understand the interface.

CONS

- The interface design looks boring and not fun at all.
- All Devices must be connected to the same wireless router.

COMPETITOR AT&T

AT&T Digital Life is an app for smartphones and tablets where you can manage your home security and remote monitoring water, energy, door, and camera at home.



PROS

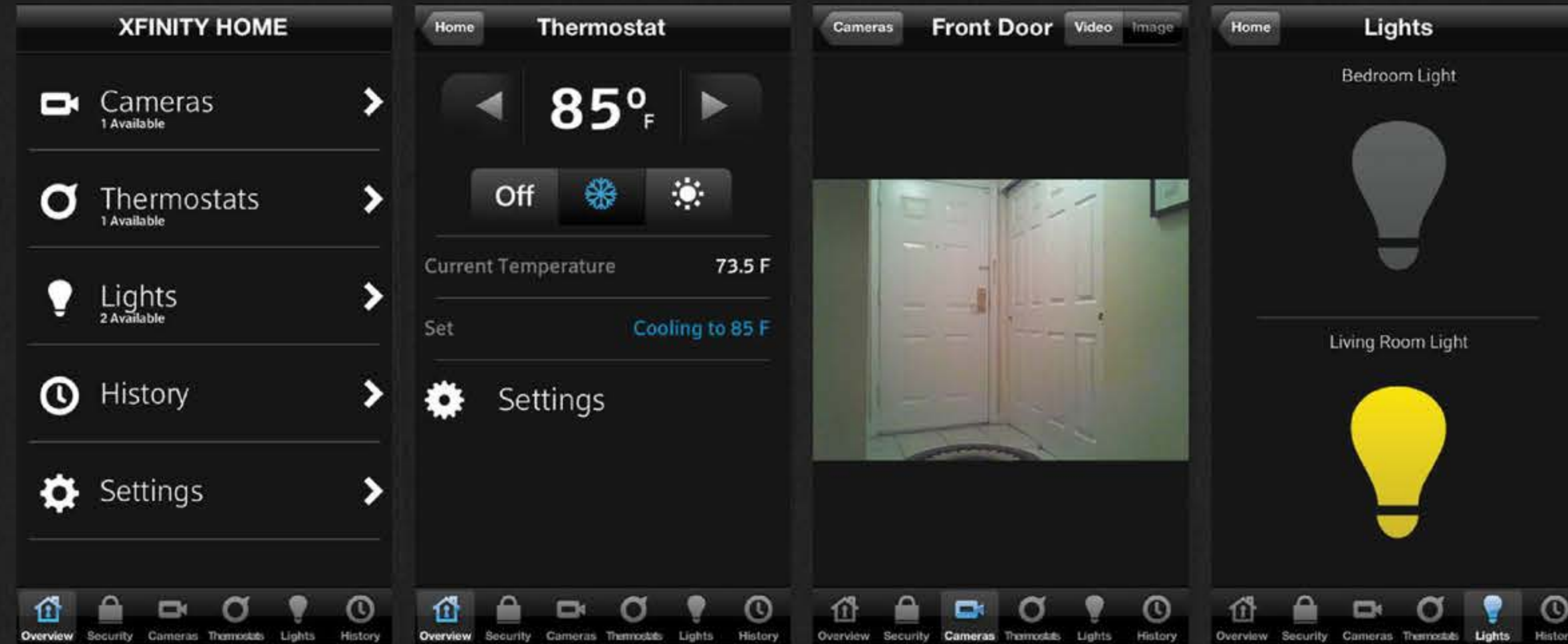
- Big bold icons and font size that it will help older people easy to read the interface's contents.
- Smart features: Water detection, Water control, door sensors and etc.

CONS

- The company said the service only would be available in up to 50 markets in United States by the end of 2013 which mean you can't use the product if you are not live in U.S.
- Their equipment is very expensive.

COMPETITOR XFINITY

XFINITY Home is a mobile app where you can monitor your house's security and smart device when you are not at home.



PROS

- Black and white user interface design.
- The layout of the interface is very clear and easy to understand.

CONS

- The design of user interface could have more fun.

COMPETITOR ZULI

Zuli Smartplugs is a mobile app where you can control Zuli Smartplugs and adjust dimmers, set timers and save energy.




PROS

- Beautiful and simple interface design.
- Beautiful typography and color interface design.

CONS

- You can't monitor your digital devices from the app.
- White outline icons design maybe hard to see at night.

Competitive Matrix



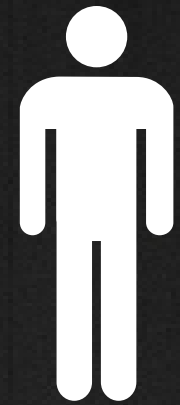
NEST
SAMSUNG
AT&T
XFINITY
ZULI

Competitive Matrix						
APP \ FEATURES	NEST	SAMSUNG	AT&T	XFINITY	ZULI	HOME PILOT
Thermostat	●	●		●		●
Protect Smoke	●					
Water Control			●			●
Digital Devices		●				●
Security System: Door		●	●	●		●
Camera		●	●	●		●
Lighting	●	●	●	●	●	●
Emergency Alarm	●		●			●
Timer	●	●	●	●	●	●
Reminder	●			●		●
Email				●		
Weather Sensors	●					●
Energy Management (Months/Daily usage)	●					●

Target Audience



Primary Users



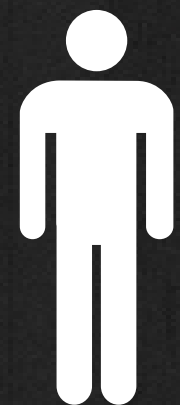
30 to 44
Years Old



House Owner

Rich People

Secondary Users

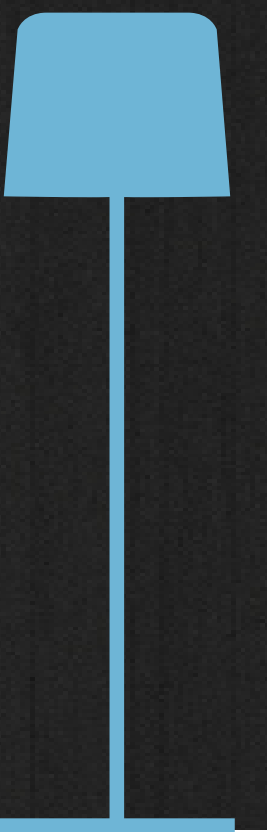
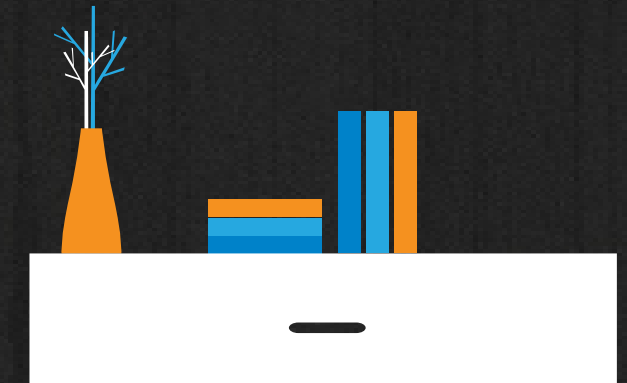
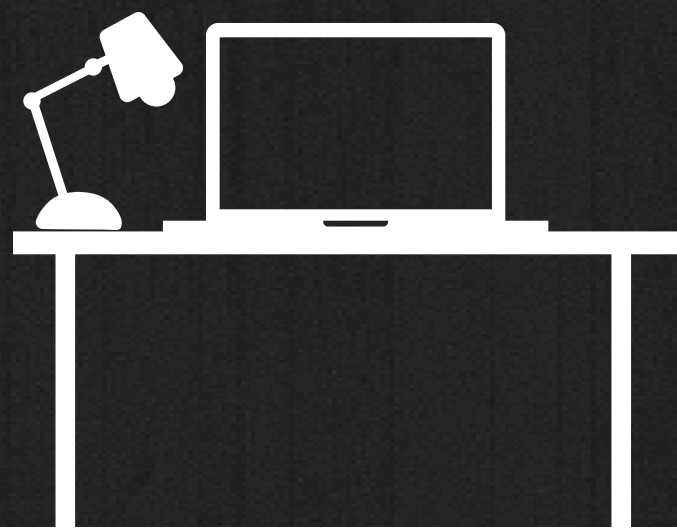


28 to 50
Years Old



House Owner

Stable Income



User Personas



TARGET PERSONAS



Peter

Age: 35
Sex: male
Marital Status: Single
Home Ownership: New House Owner



Ryan Evans

Age: 38
Sex: male
Marital Status: Married
Home Ownership: House Owner



Stella

Age: 40
Sex: female
Marital Status: Married
Home Ownership: House Owner



Target User Persona # 1

Peter

Age 35

Sex male

Marital Status Single

Home Ownership New House Owner

Current Location San Francisco, United States

Original Country Spain (Barcelona)

Education: MFA Animation and VFX

Occupation 3D Technical Lead

Background photography undergrad,
graduate in animation and VFX

Tech savvy 5 stars

DEVICES



Likes: Videogames, Traveling, Cultural Exchange

Hobbies:

Playing Instruments (Piano, Ukulele, Guitar),
Football, Sailing

Personality

95% Openness

Vs.

5% Neuroticism

Are you

85% Optimism

Vs.

25% Cynicism?

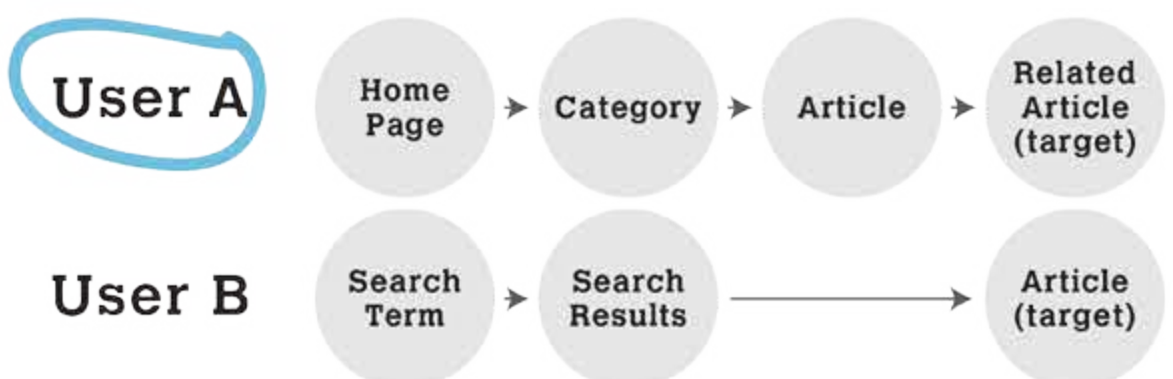
What is your desire / expectation that
smart-home could do for you?

Save money

Peter used most of his money for buying a house so he hopes Home Pilot can help him lower energy bills. He often forgets to turn off the heating and lights wasting energy and costing him money. He hopes a smart home will help him conserve energy.

Control Everything in house

Additionally he hopes to be able to harness natural energy to help him save money. For example to use natural sunlight to warm the house and conserve the temperature during night.





Peter's expectation of home pilot

"I hope home pilot app can help me to save a lot of monney!"



SAVE \$\$\$\$



Task Flow For Peter



control



Today
Weather



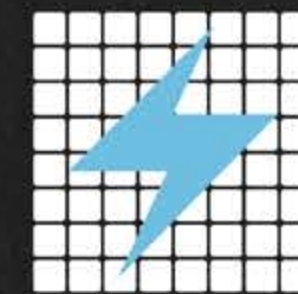
Open
Windows



control



Joan's house



Save Energy



Get Happy Bills



Target User Persona # 2

Ryan Evans

Age 38

Sex male

Marital Status Married

Home Ownership House Owner

Current Location London, United Kingdom

Original Country Manchester, United Kingdom

Education: MS Data and Telecommunications

Occupation Founder & Developer at pubble.co

Background Software Engineer

Tech savvy 4 stars

DEVICES



Likes: Videogames, Traveling, Cats, Pasta

Hobbies: Hiking, Climbing, Movies, Music Shows

Personality

85% Openness

Vs.

15% Neuroticism

Are you

65% Optimism

Vs.

35% Cynicism?

What is your desire / expectation that smart-home could do for you?

Convenience

Ryan hopes that technology can help him in his daily life, such as controlling the heating in his house as he is on the way home from work. He likes the idea of auto controlling devices in his home.

Security system

He feels a secure home is very important and hopes technology can alert him to any dangers.





Evans's expectation of home pilot

"I hope home pilot can help me to save a lot of time!"



SAVE



Task Flow For Evans



control



Movies time



control



Open
smart
devices



Turn on the kettle
in kitchen while he
is watching movie



control



Save Time



Get Happy Coffee
and Movie time



Target User Persona # 3

Stella Nina

Age 40

Sex female

Marital Status Married

Home Ownership House Owner

Current Location San Francisco, United States

Original Country San Francisco, United States

Education: Marketing and Financial

Occupation Marketing Leader

Background Business and Marketing

Tech savvy 4 stars

DEVICES



Likes: Cooking, Party, Karaoke, Cultural Exchange

Hobbies:

Shopping, Traveling, Cycling, Reading

Personality

90% Openness

Vs.

10% Neuroticism

Are you

75% Optimism

Vs.

25% Cynicism?

What is your desire / expectation that smart-home could do for you?

Save the environment

Stella sees smart homes as a way of living a greener and more eco-friendly lifestyle. She hopes to reduce energy consumption and find new and better ways to use energy more efficiently.

Save money

She wants to collect more natural energy to save money on bills.

Save time

She likes the automated system because it is convenient and avoids wasted energy. She would like to set the timing on all the lights at home.





Stella's expectation of home pilot

"I hope home pilot app can help us to save our planet!"



SAVE



Task Flow For Stella



control



she leave her house



control



She turn off all the lights in her house by using the app



control



Save Time

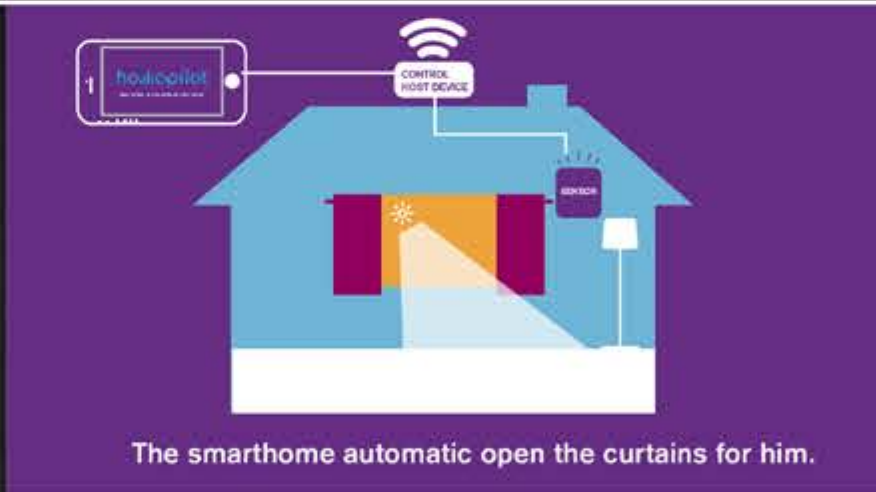
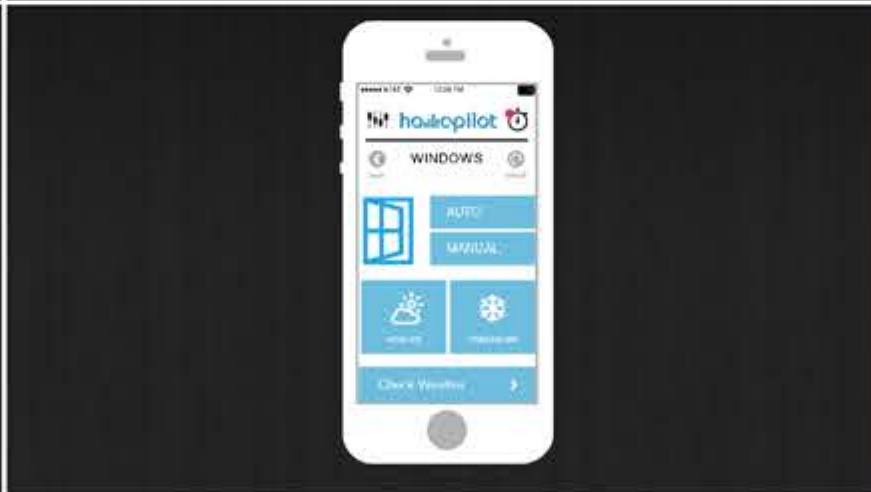
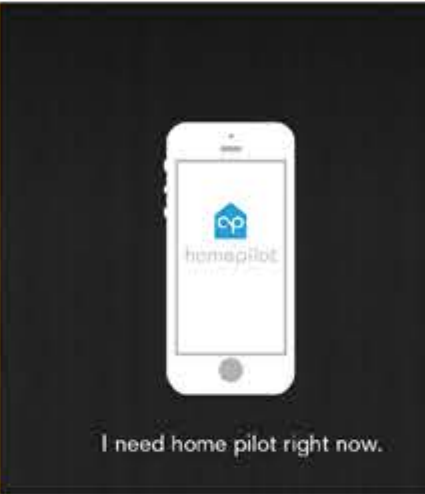


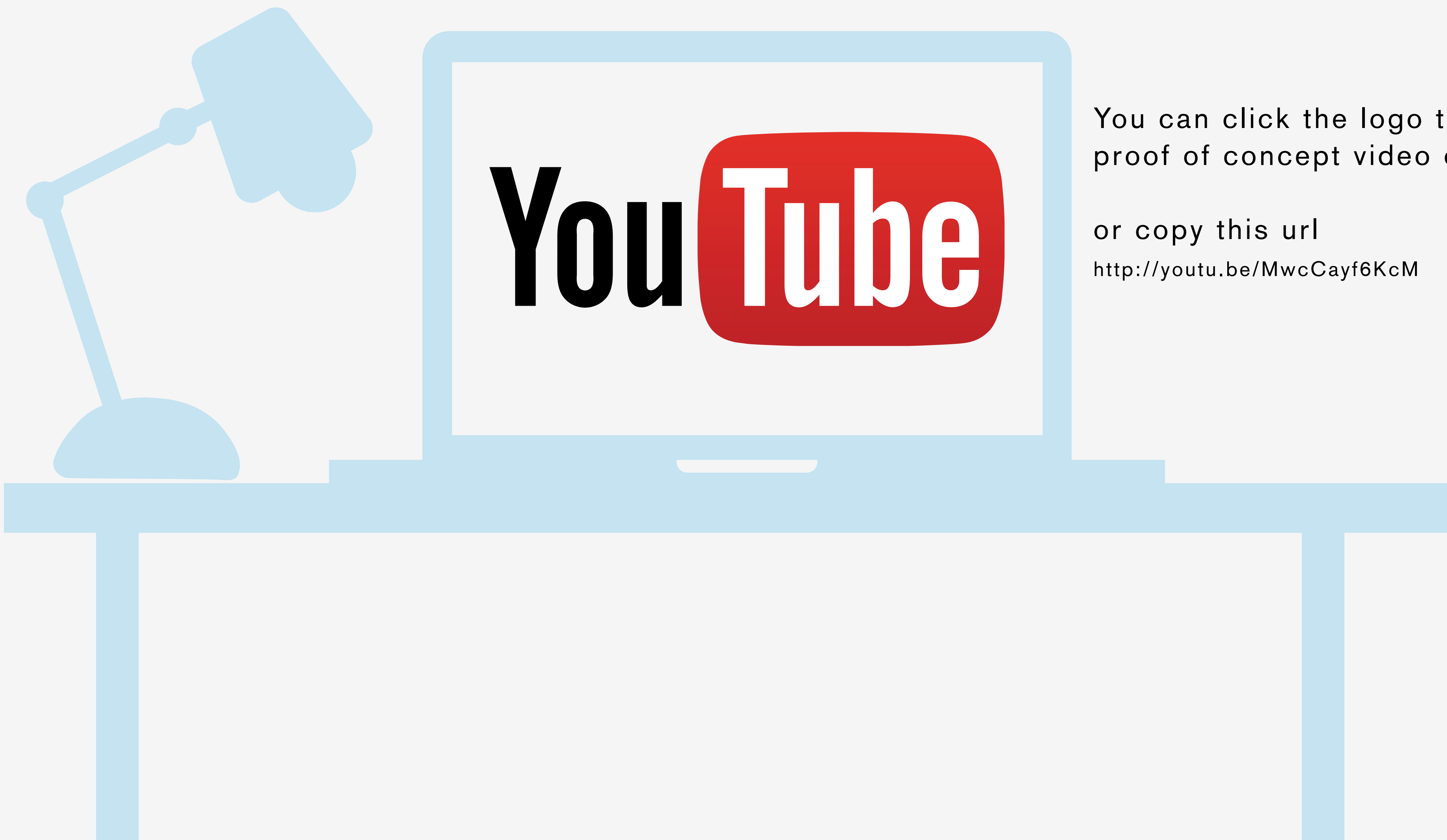
Happy Earth

Proof of Concept



Peter needs Home Pilot!

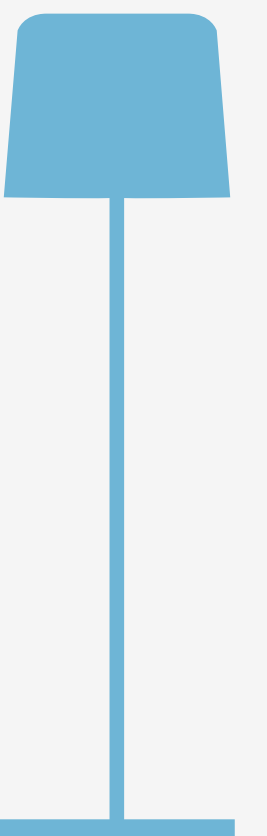
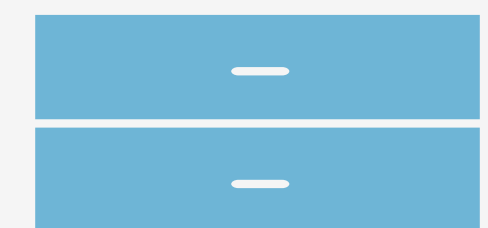
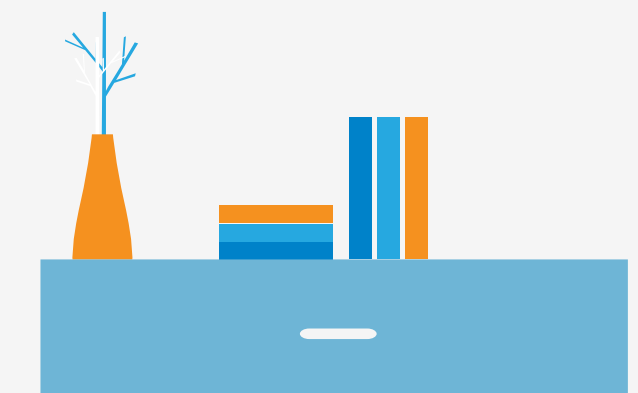




You can click the logo to watch Home Pilot proof of concept video on YouTube.

or copy this url

<http://youtu.be/MwcCayf6KcM>



Visual Design



N A M E O F T H E P R O D U C T

home 2.0

home

homeland

homeipper

homemaster

hometroller

homey

homie

hommatic

housemetic

homemaster

Your environment under your control

Home 2.0

All in one control

hommatic

smart control

home

Your home in the palm of your hand

homepilot ♥

homepilot

“Your environment under your control”

“Your home in the palm ♥ of your hand”

“All in one control”



MOODBOARD # 1

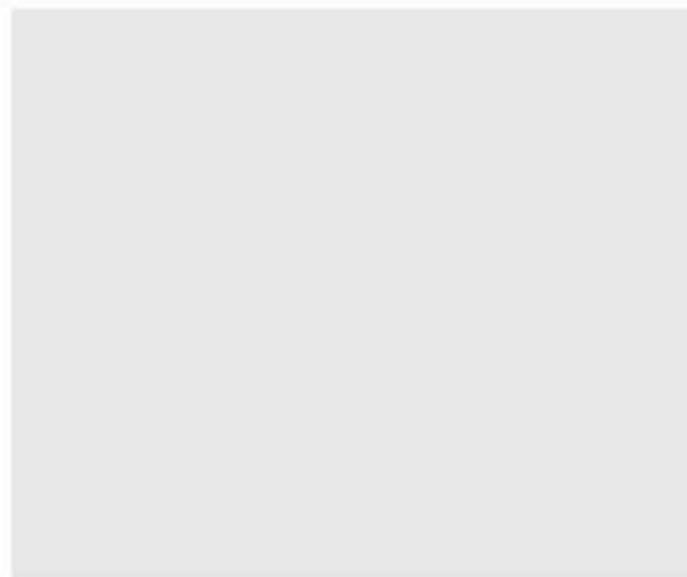
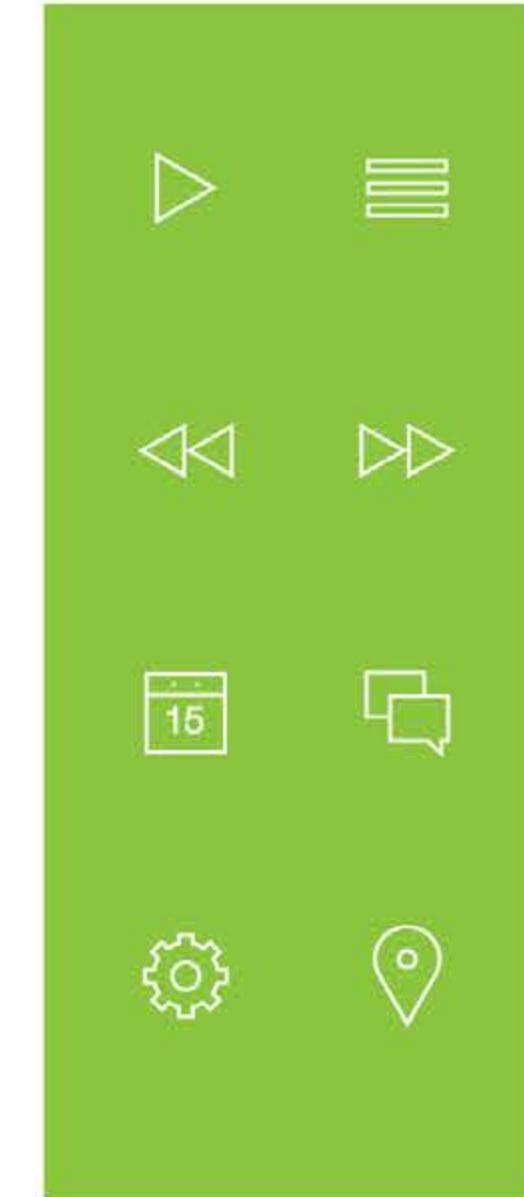
style Earth friendly, Nature, Organic



Texture



Line Icons

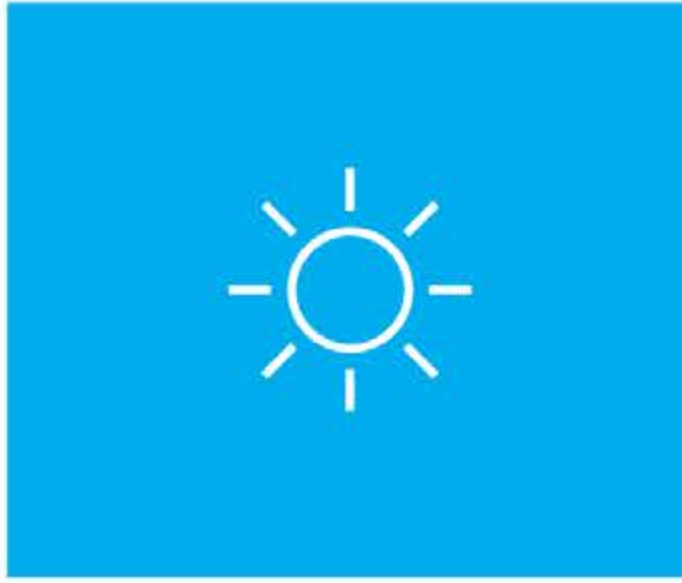


TYPOGRAPHY

QWERTYUIOPASDFGHJKLZXCVBN-
M{}|: "<>?!@#\$\$%^&*()!1234567890

Typeface: Calvert



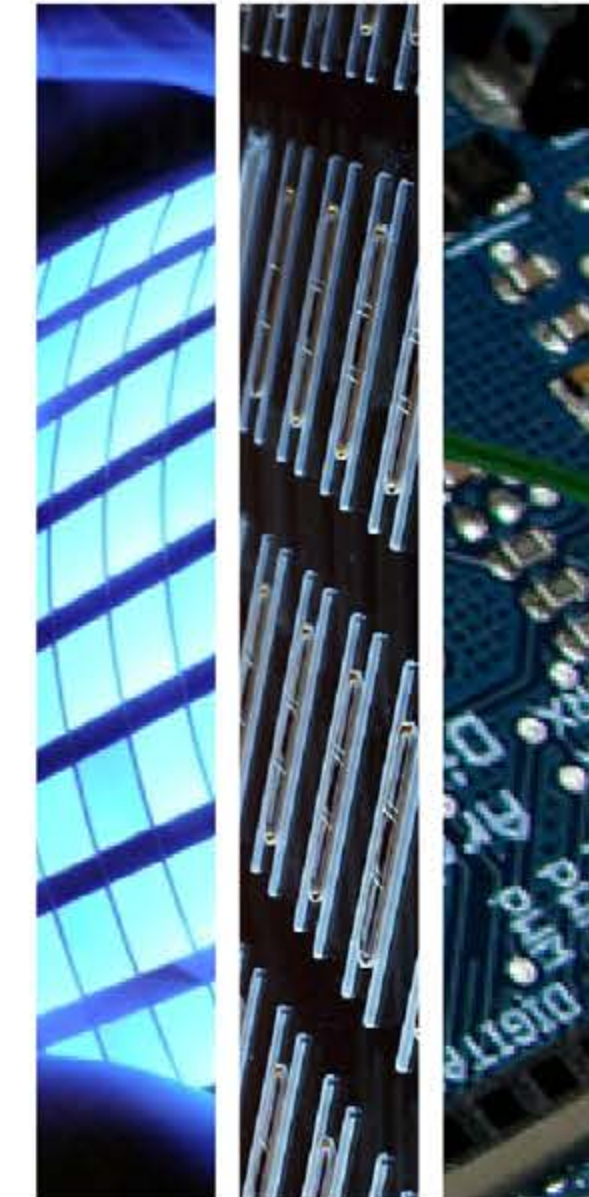


MOODBOARD # 2

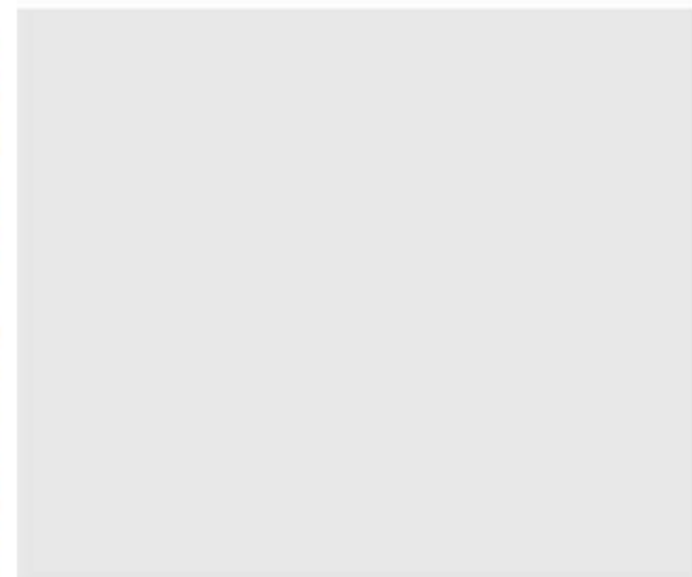
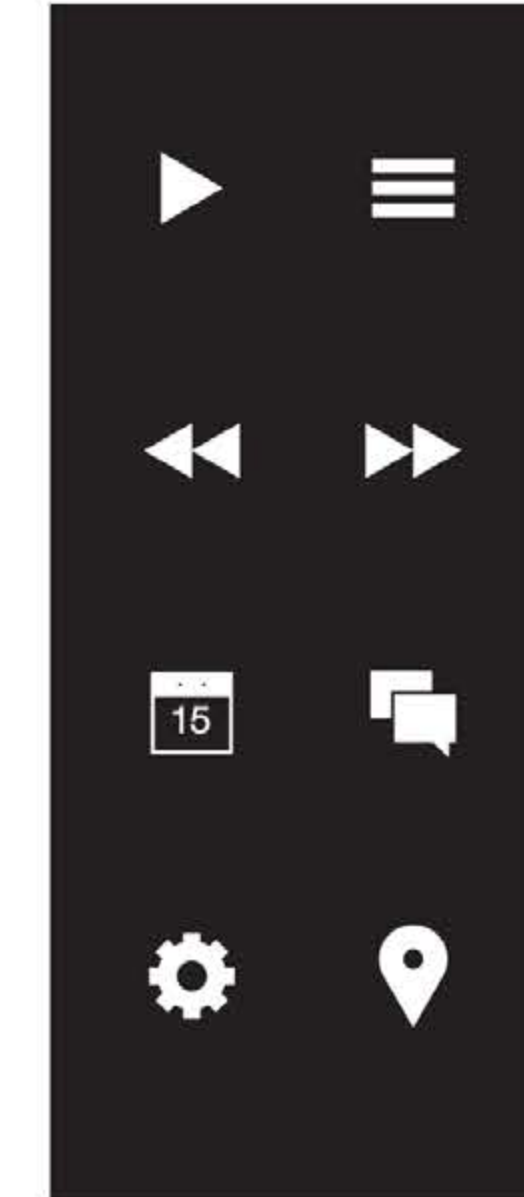
style high tech, innovate, futuristic



Texture



Full Icons



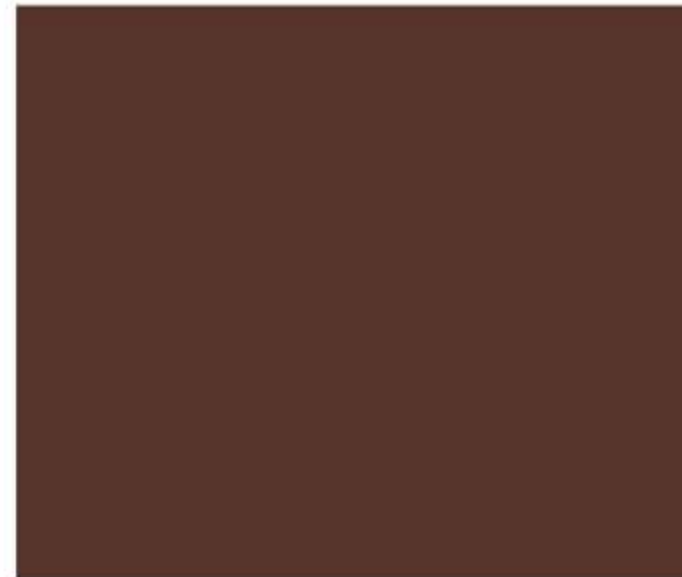
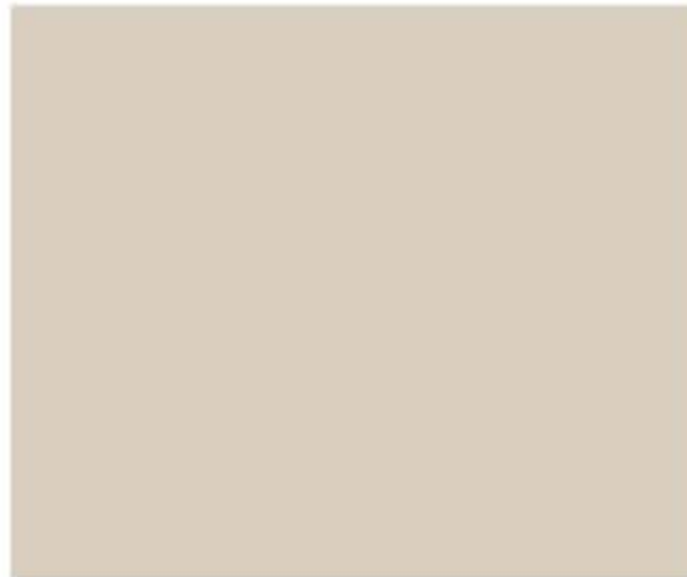
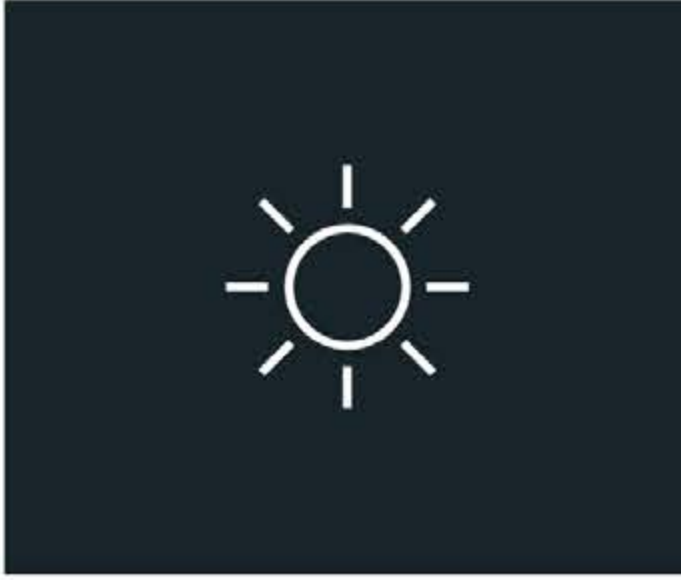
TYPOGRAPHY

QWERTYUIOPASDFGHJKLZXCVBN-
M{}|!:"<>?!@#\$\$%^&*()!1234567890

Typeface: Akzidenz Grotesk

Final





MOODBOARD # 3

style homestyle, save, secure, family



Texture



Full Icons



TYPOGRAPHY

QWERTYUIOPASDFGHJKLZXCVBN-
M{}|:"<>?!@#\$\$%^&*()!1234567890

Typeface: Book Antiqua





MOODBOARD # 4

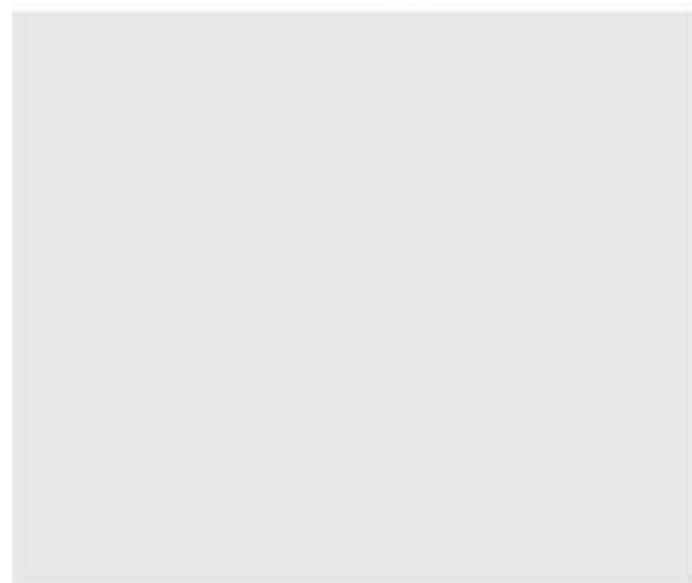
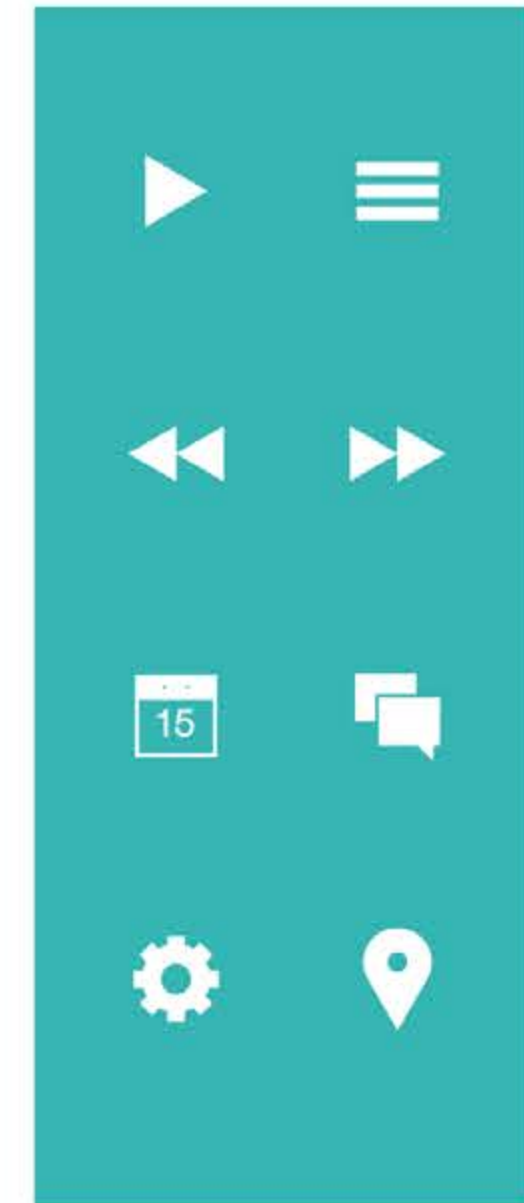
style popular, fun, interesting, happy



Texture



Full Icons



TYPOGRAPHY

QWERTYUIOPASDFGHJKLZXCVBN-
M[{}!:"<>?!@#\$\$%^&*(!)1234567890

Typeface: ITC Avant Garde Gothic



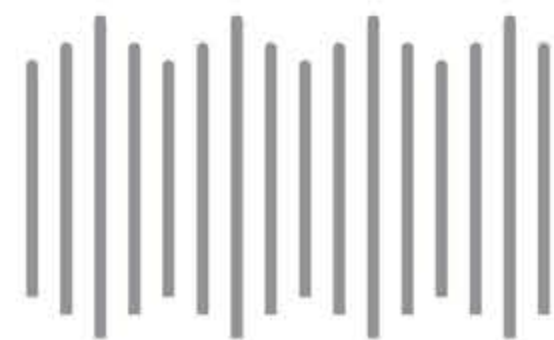
LOGO DESIGN -01-
Style: Simple and tech feel



GRAPHIC ELEMENTS



SUPPORT ELEMENTS



COLOR PALETTE



LOGO DESIGN -02-
Style: Simple and Modern look



GRAPHIC ELEMENTS



SUPPORT ELEMENTS



COLOR PALETTE



LOGO DESIGN -03-
Style: Bold and Round



HOME

Your home
in the palm
of your hand

GRAPHIC ELEMENTS

H+O+M+E

SUPPORT ELEMENTS



COLOR PALETTE



LOGO DESIGN -04-
Style: Simple and tech feel



homepilot

Your home in the palm of your hand

GRAPHIC ELEMENTS



SUPPORT ELEMENTS



COLOR PALETTE



Final

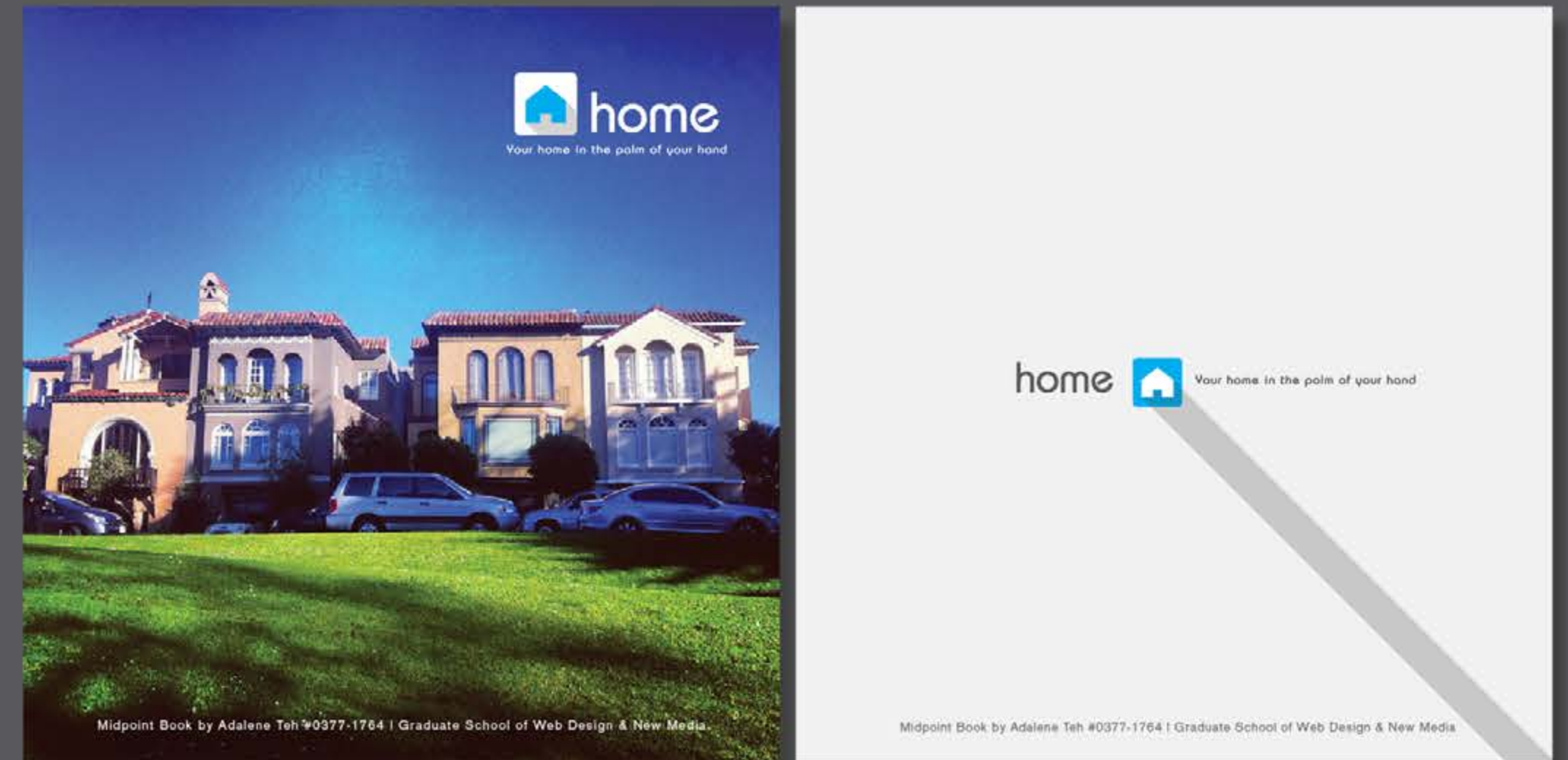
BOOK COVER DESIGN -01-

Style: Simple and tech feel



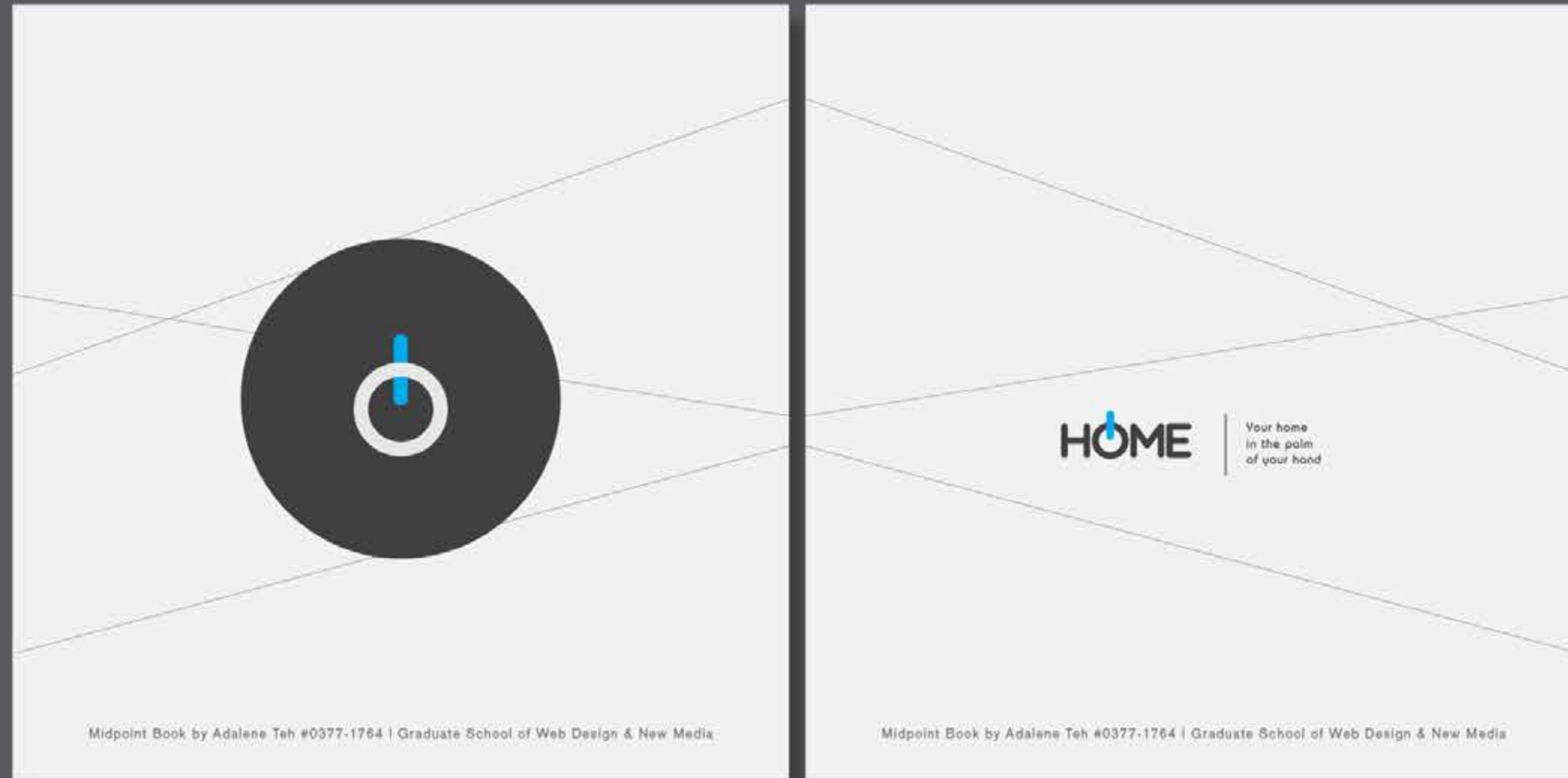
BOOK COVER DESIGN -02-

Style: Simple and Modern look



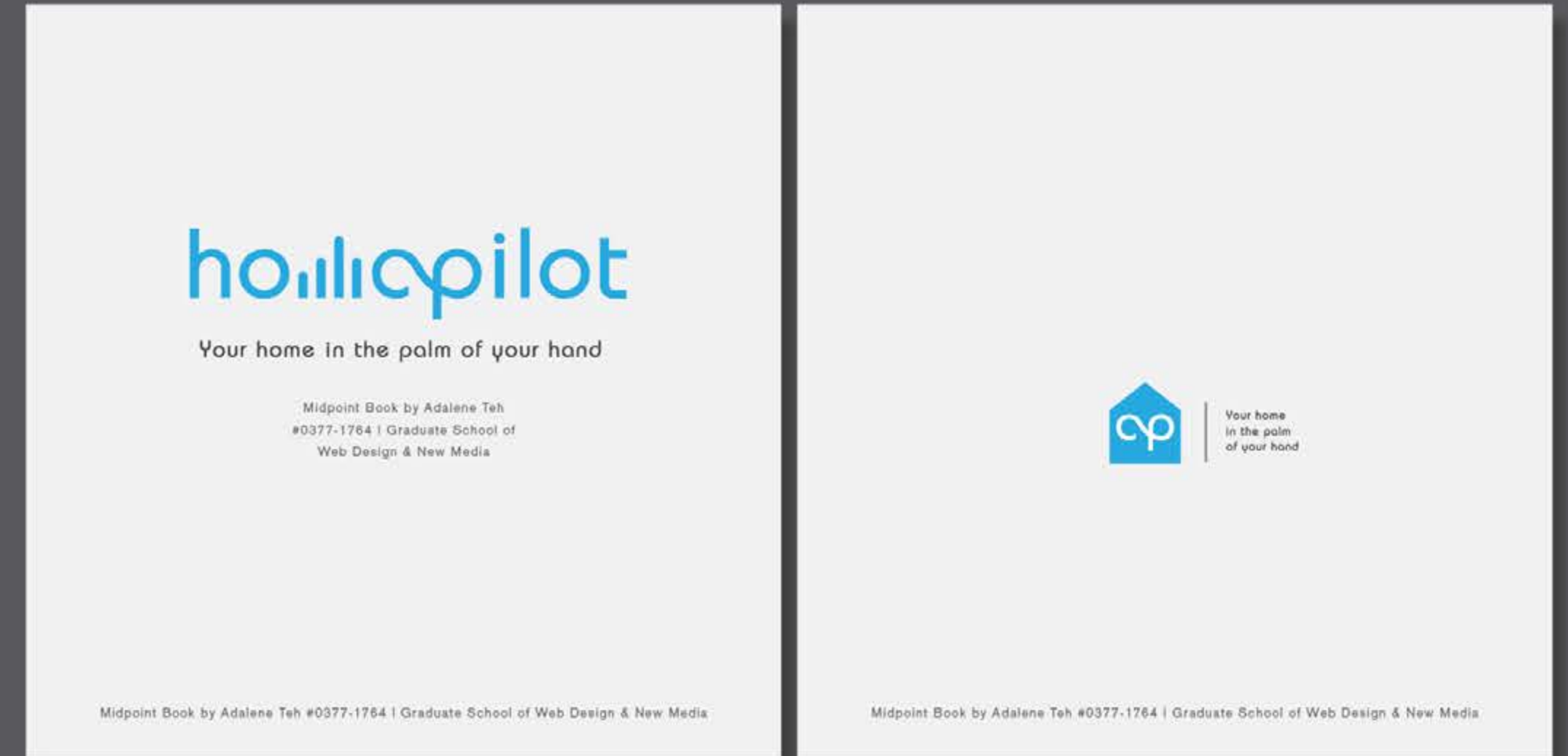
BOOK COVER DESIGN -03-

Style: Bold and Round



BOOK COVER DESIGN -04-

Style: Bold and Round



User Interface Design



Walkthrough & Wireframes



There is basic on the task
flow for Peter.

STEP 1/20

Download “home pilot” application in apple store.

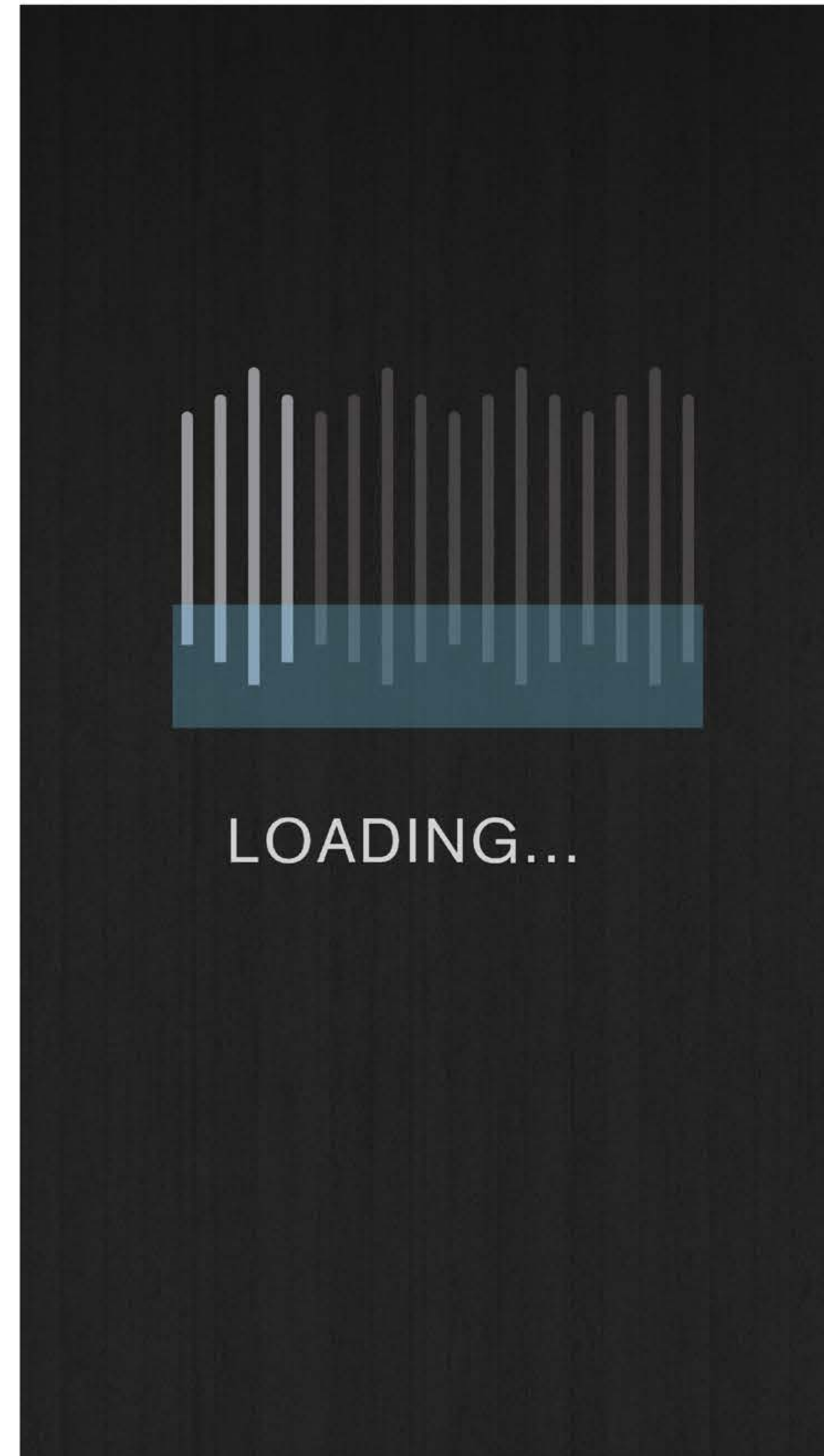
STEP 2/20

And then, open home pilot application.



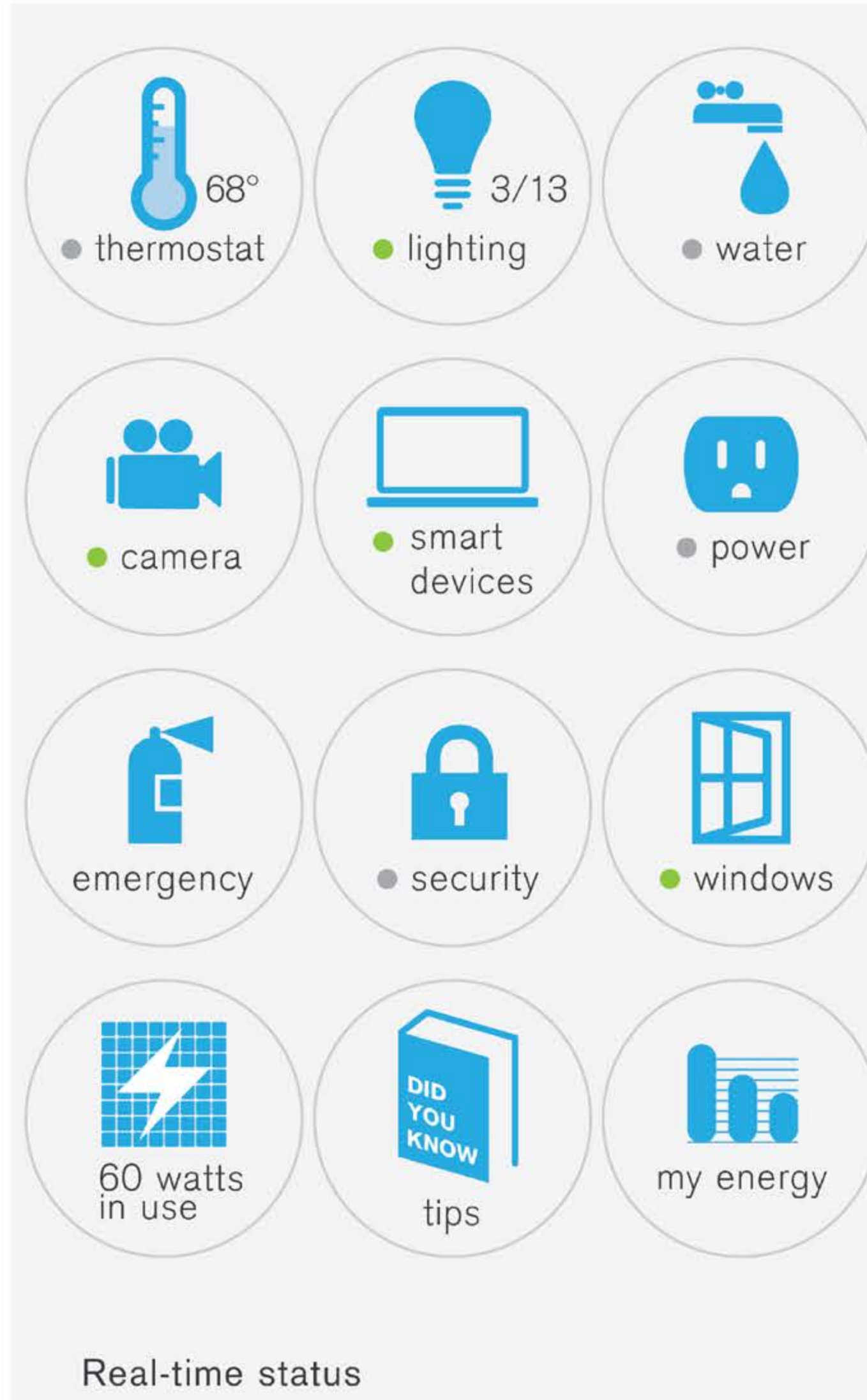
STEP 3/20

You will see this loading page, and you have to wait for it.



STEP 4/20

This is menu page. User can see the real time status via this page.



Gesture



STEP 5/20

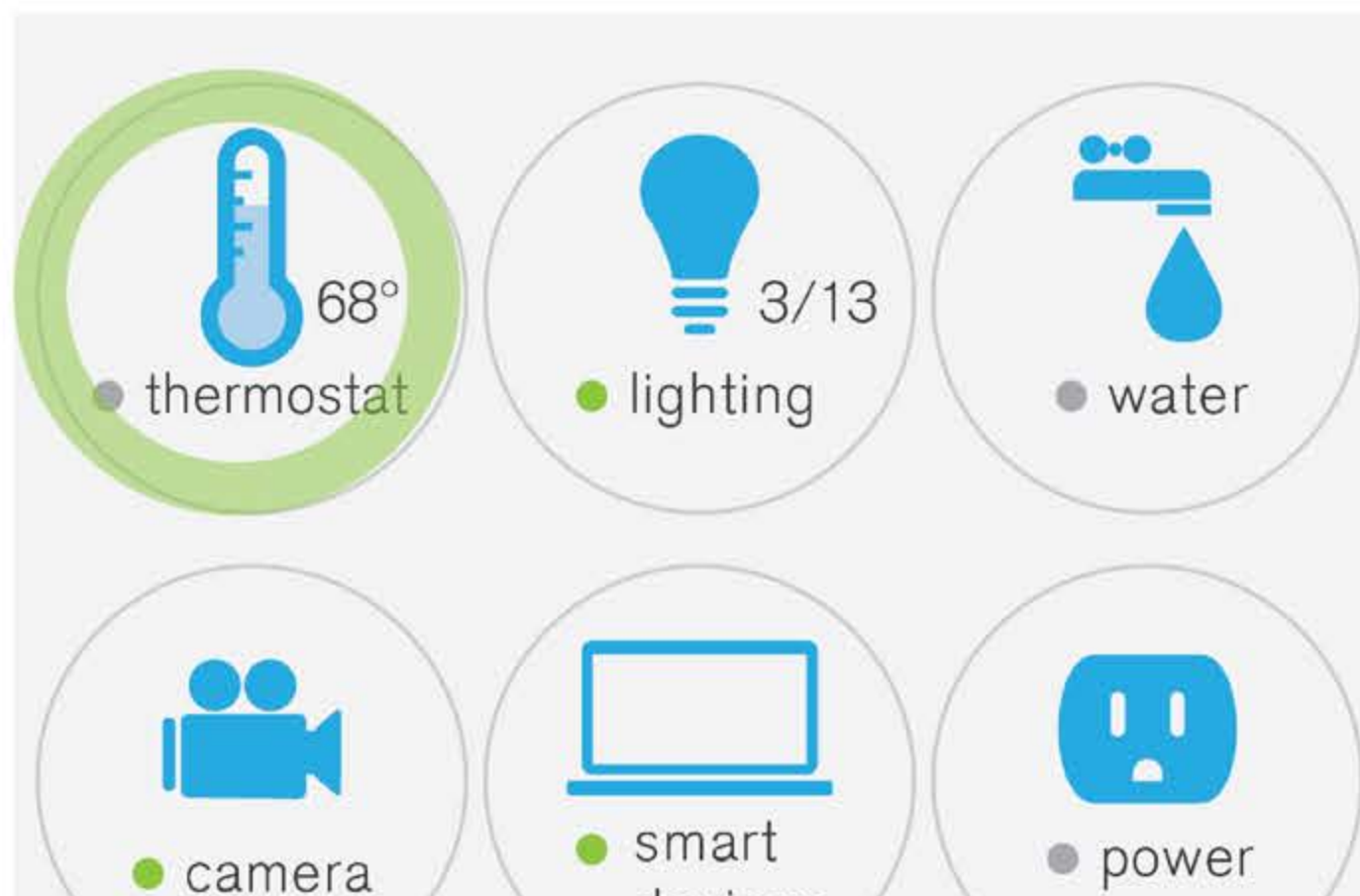
User should go to check their settings, such as wifi connection or sign in status before they use this app.



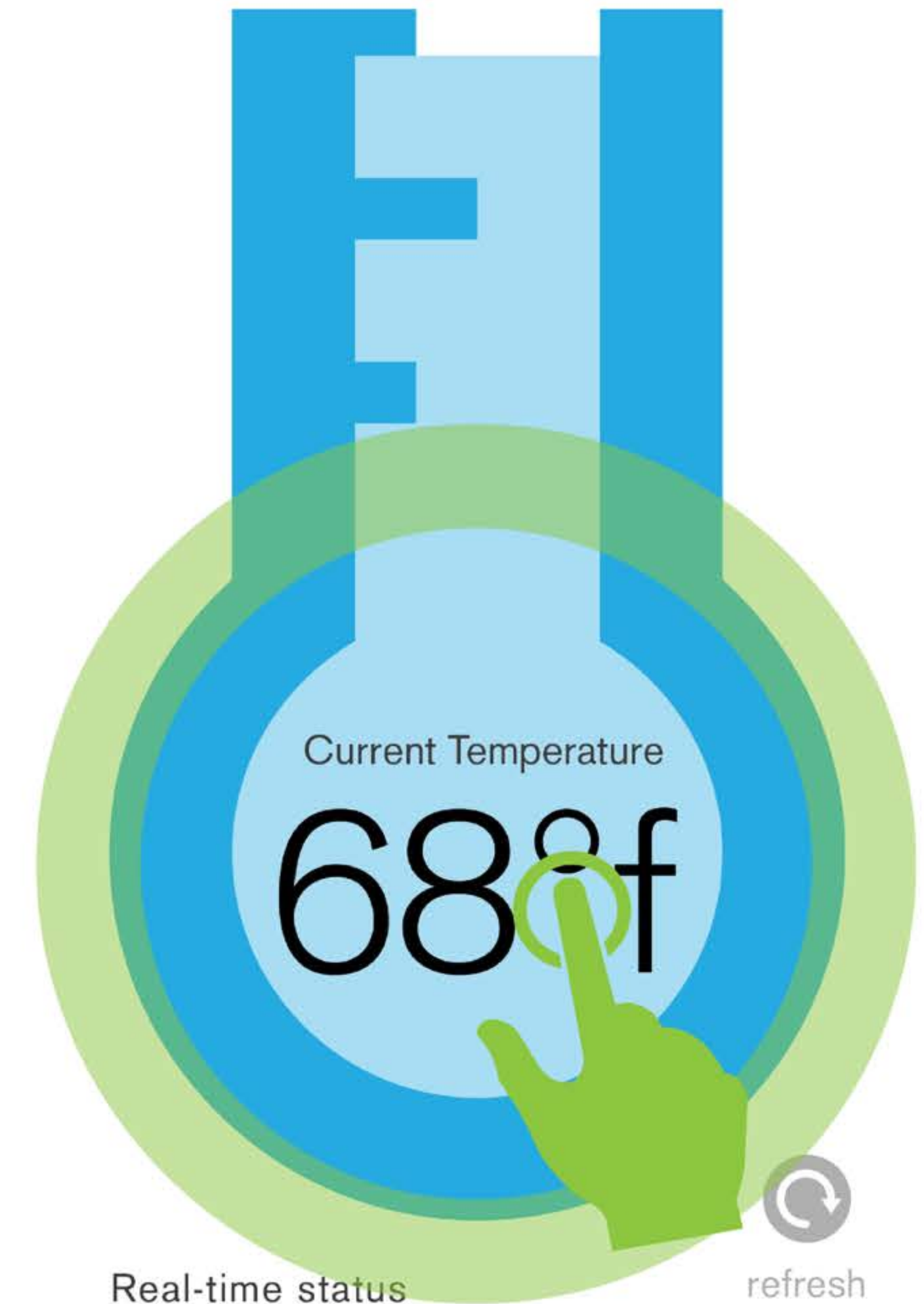
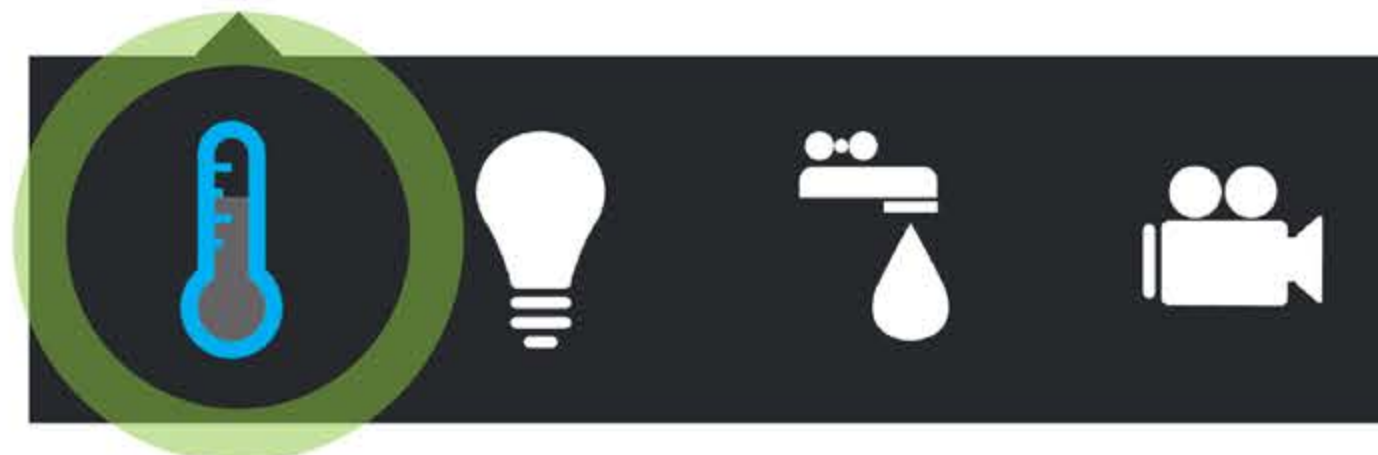
STEP 6/20

User can go to this page from menu page or the navigation bar at below the page.

••••• AT&T 12:34 PM



You can touch this huge thermostat to control it.



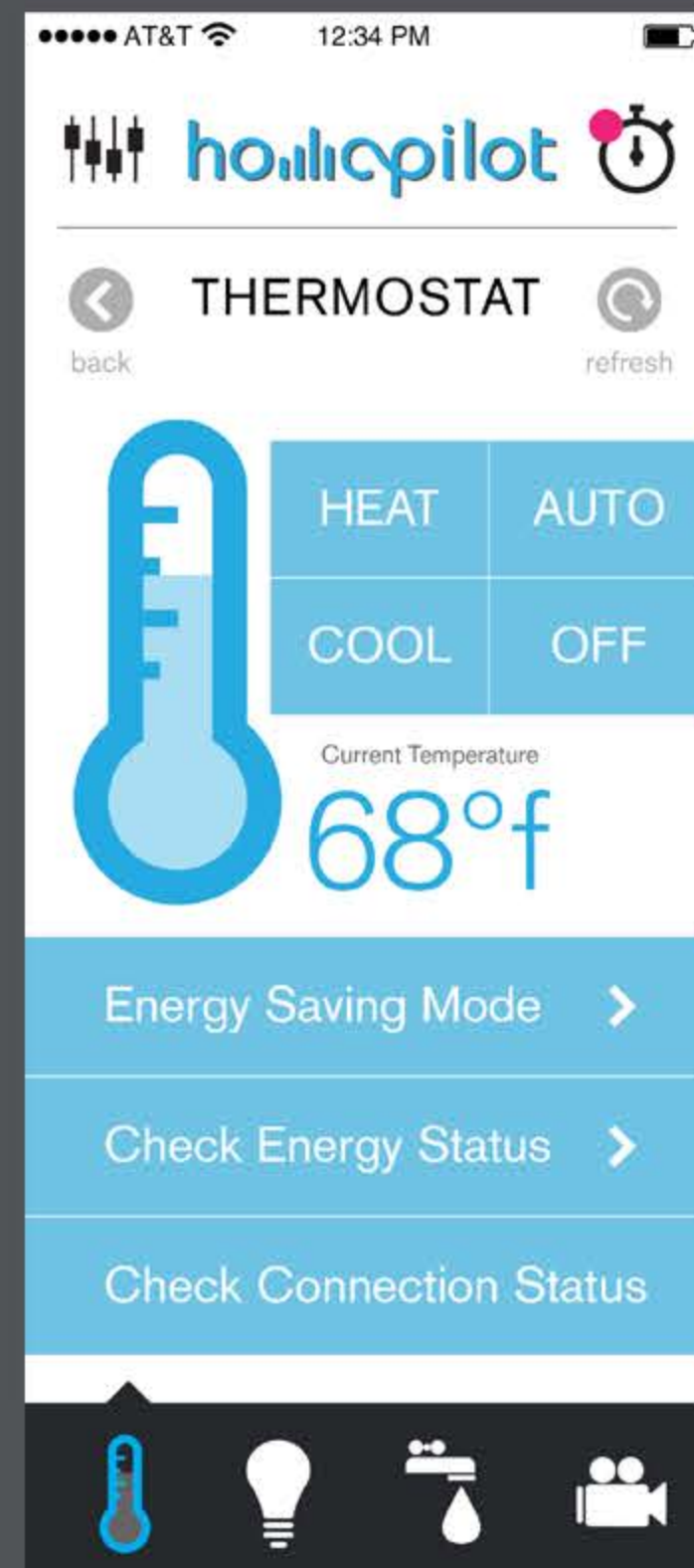
You can touch this huge thermostat to control it.



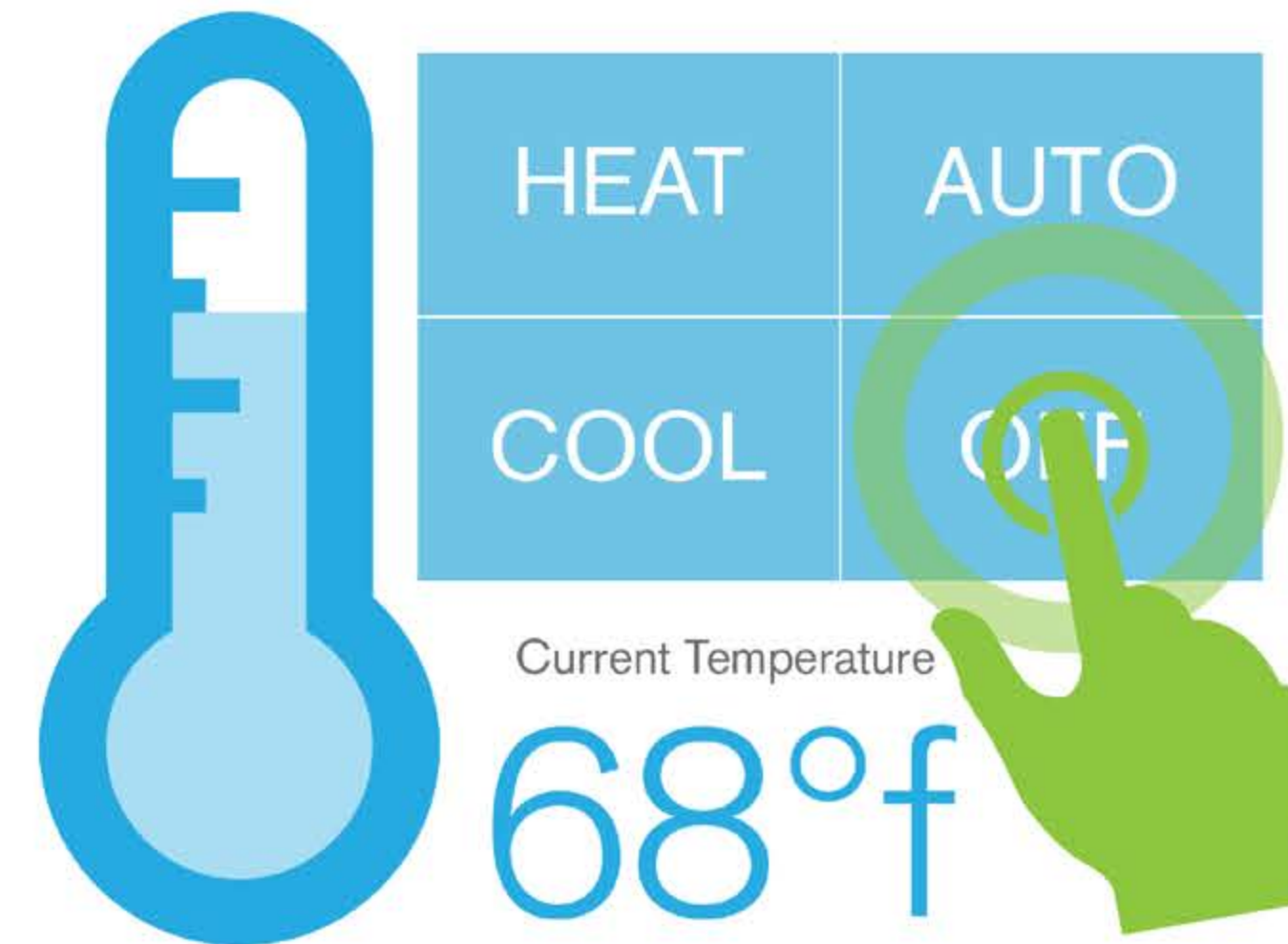
STEP 7/20

User will see this page this for control Thermostat smart devices.

Overall view



back THERMOSTAT refresh



Energy Saving Mode >

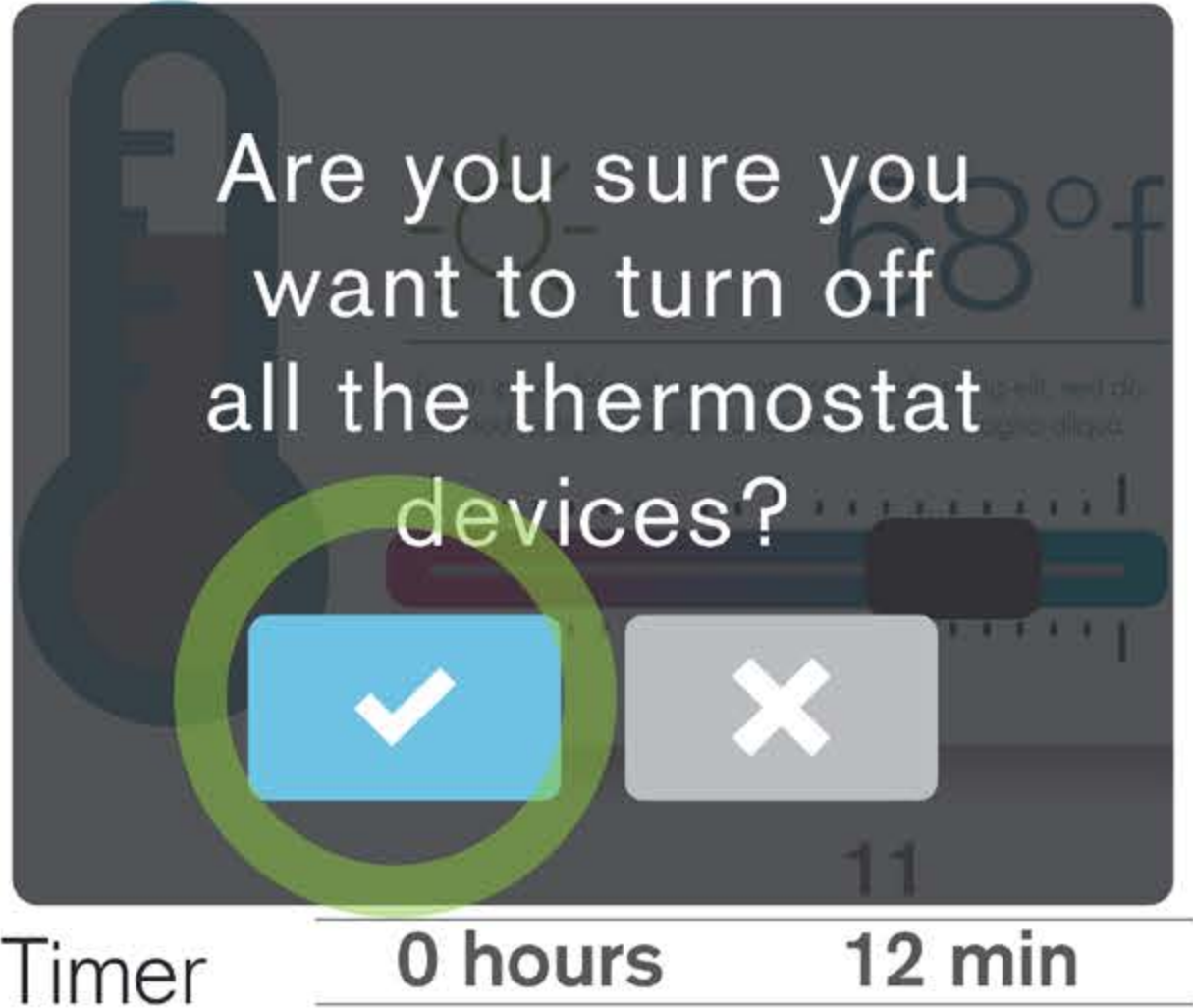
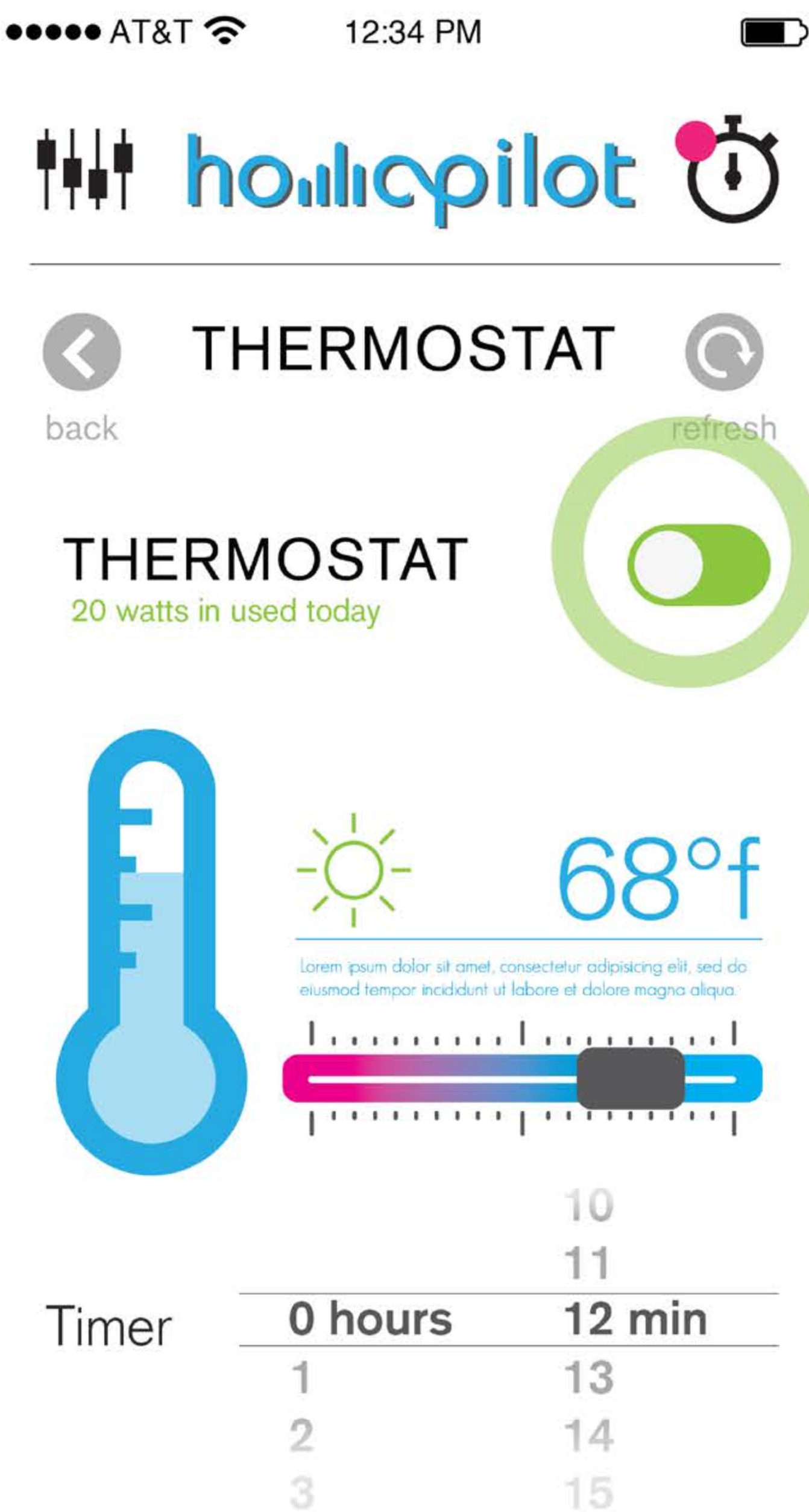
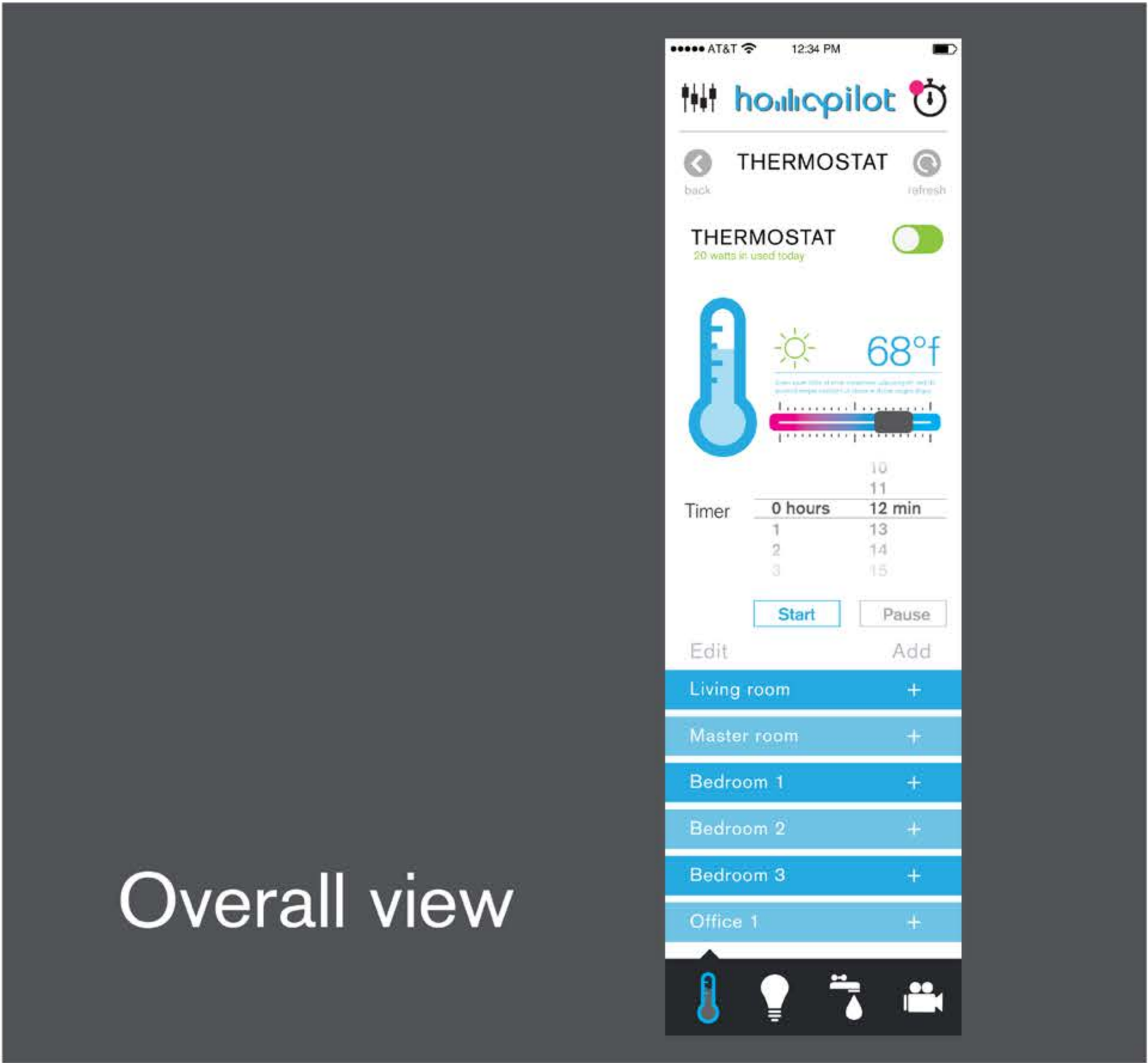
Check Energy Status >

Check Connection Status



STEP 8/20

User can turn off all the thermostat smart devices at once or separately.



STEP 9/20

User can use this navigation go to windows page.



STEP 10/20

You will go to Window page.



3 Windows Are Opened Right Now



Real-time status

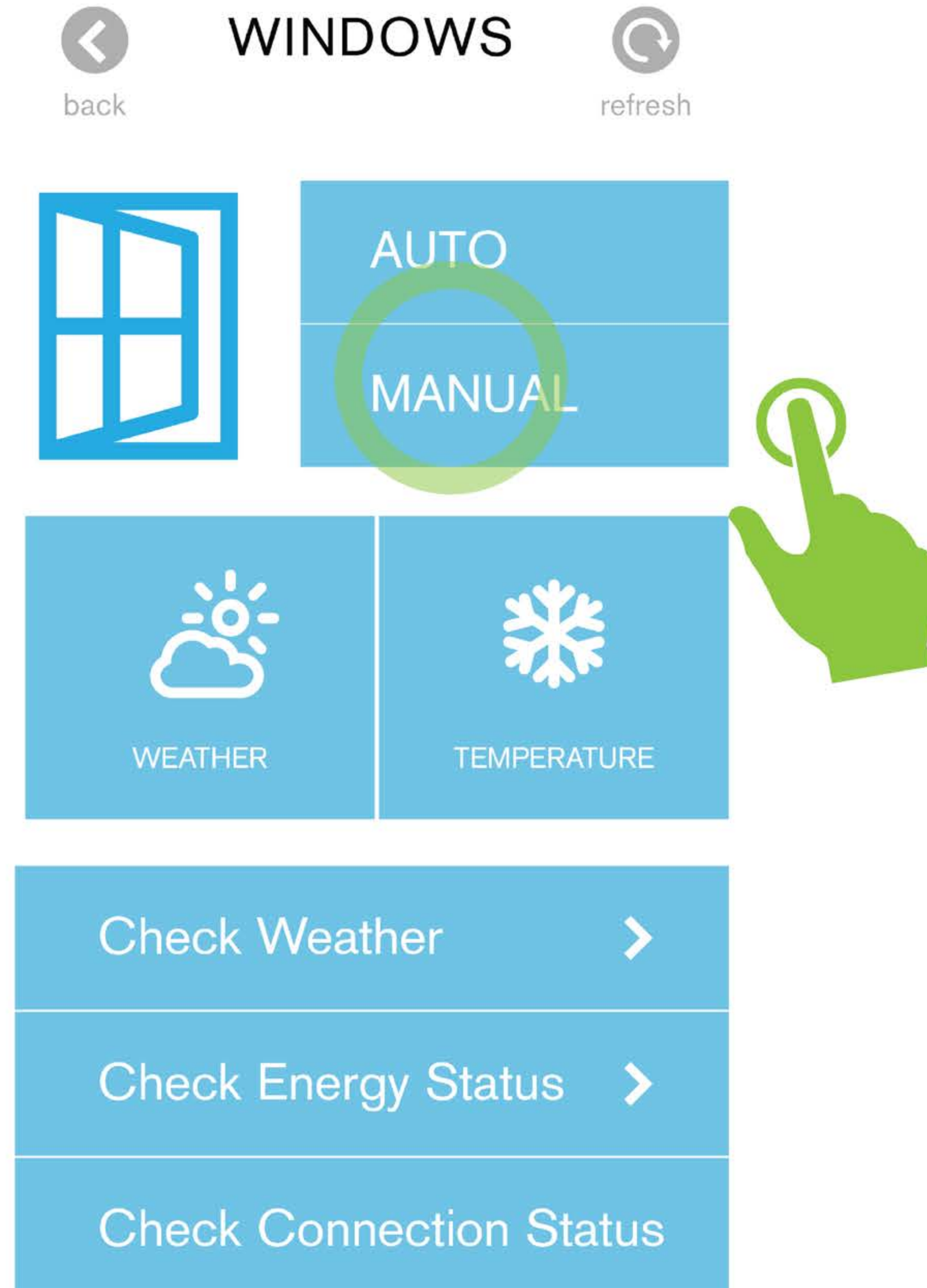
refresh

You can touch this huge window to control your smart windows at home.




STEP 11/20

And then go to touch the manual button to open window.




STEP 12/20


And then go to touch the manual button to open window.


back


WINDOWS



refresh

MANUAL SETTING


All Open /
Close windows

3 windows are opened right now




Mostly Warm

78°f
outdoor

68°f
indoor

Current weather

Today

Thursday

Now


1pm


2pm


3pm


4pm


5pm



68


68


68


66


60


58

Edit

Add

Living room

+

Bedroom 1

+

Bedroom 2

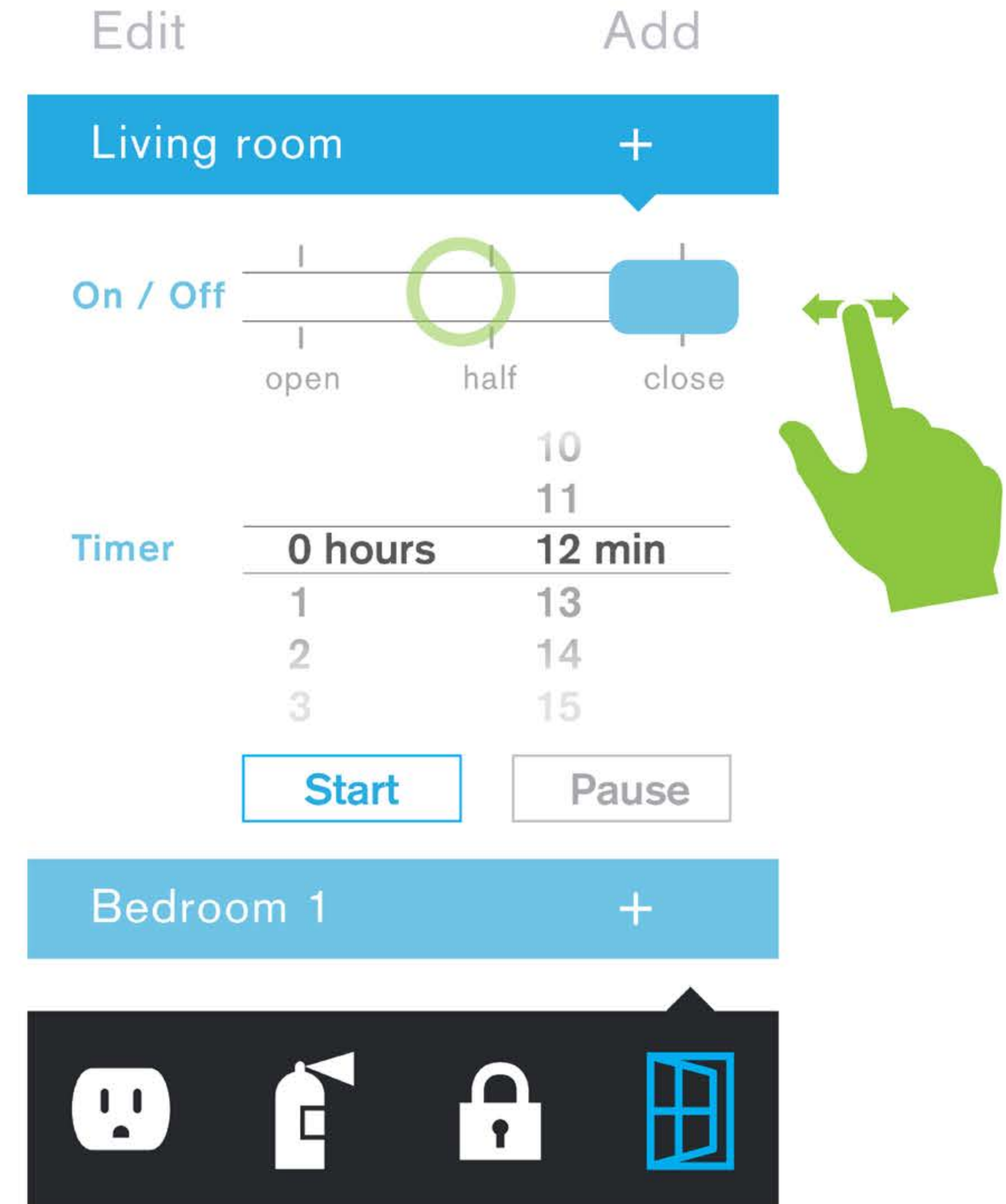
+



STEP 13/20

Here are the settings for the smart window.

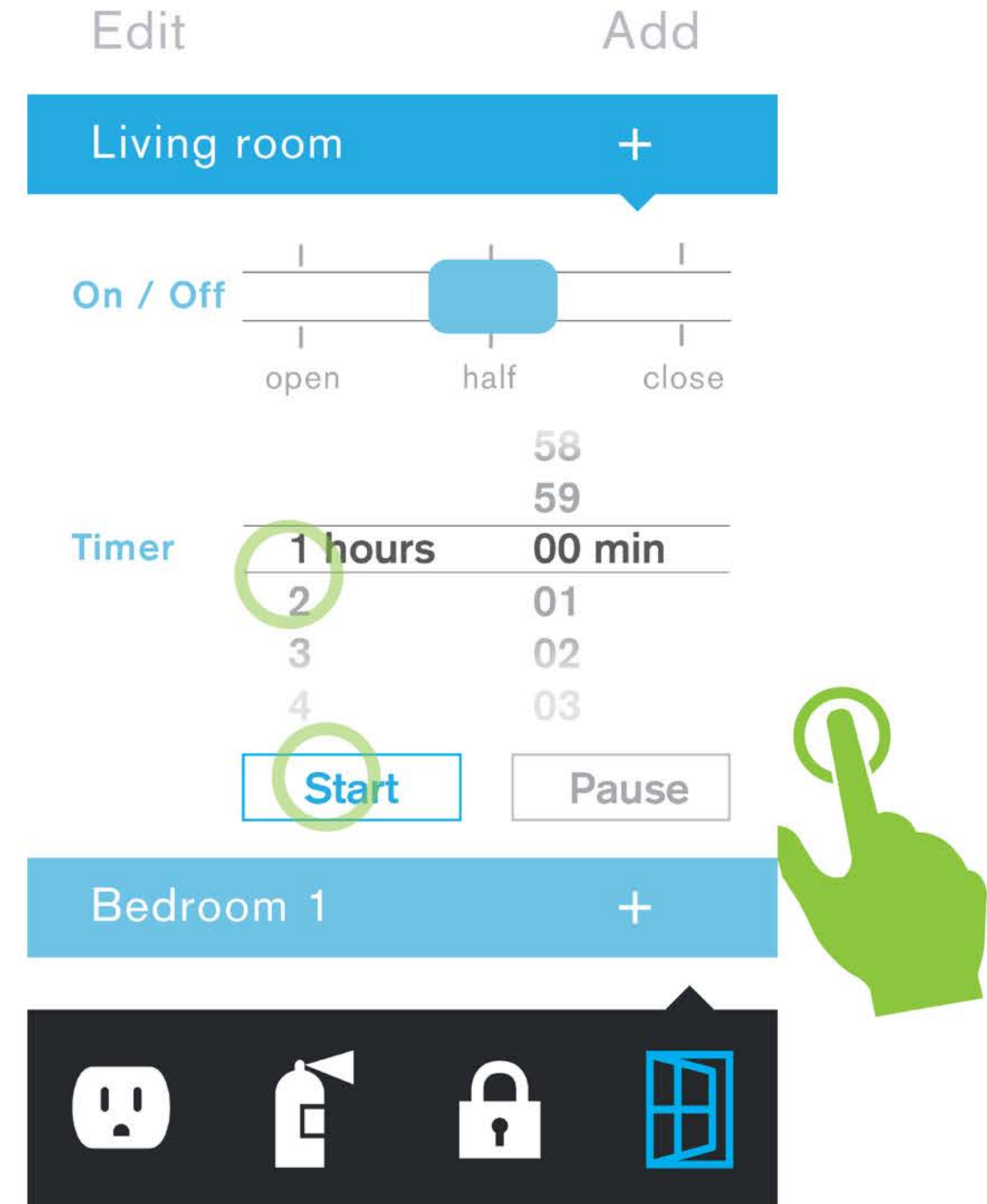
Open half of the window



STEP 14/20

Here is letting you do setting on your smart window.

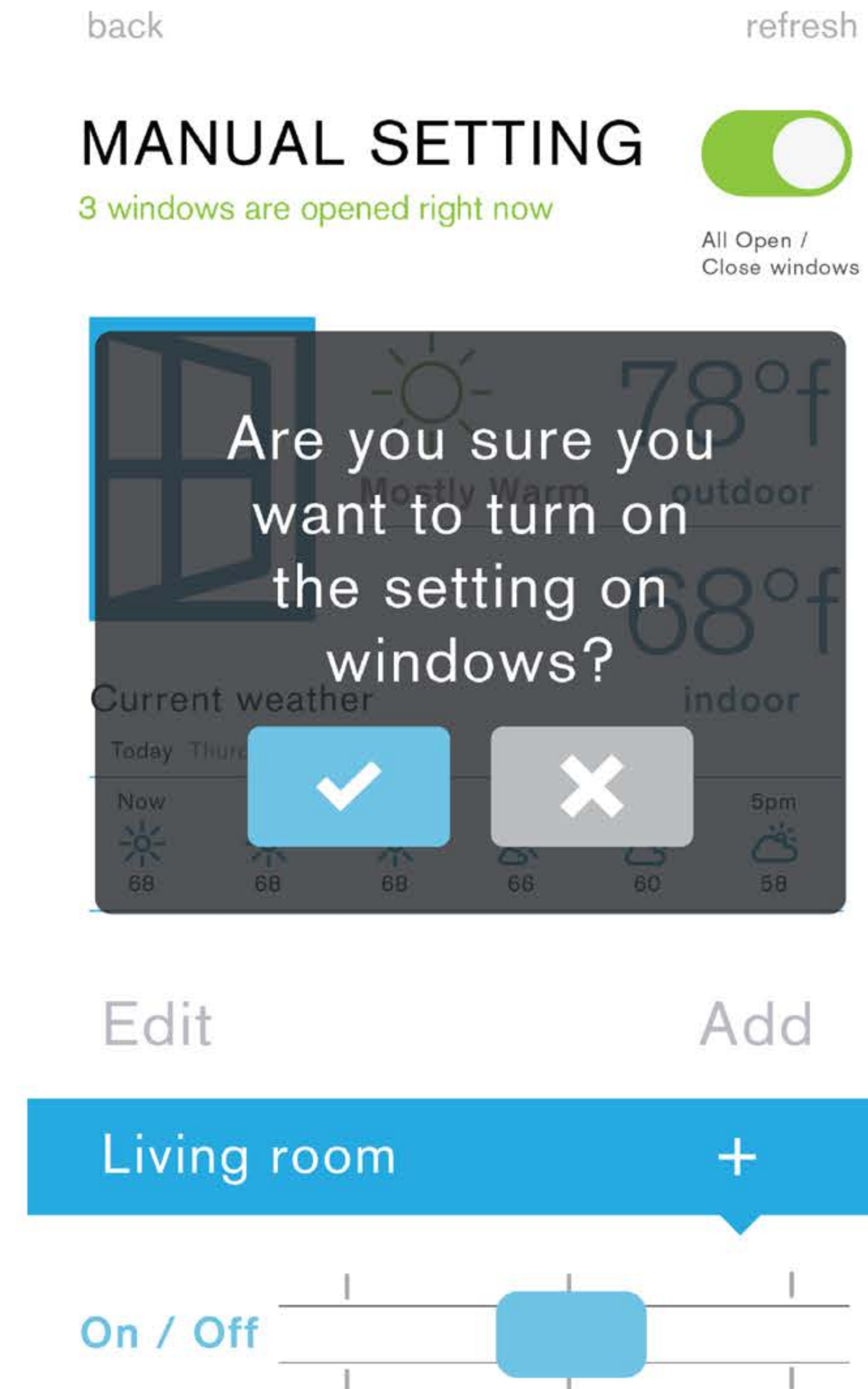
Time: 1 hour
and the touch the start button



STEP 15/20

Here is letting you do setting on your smart window.

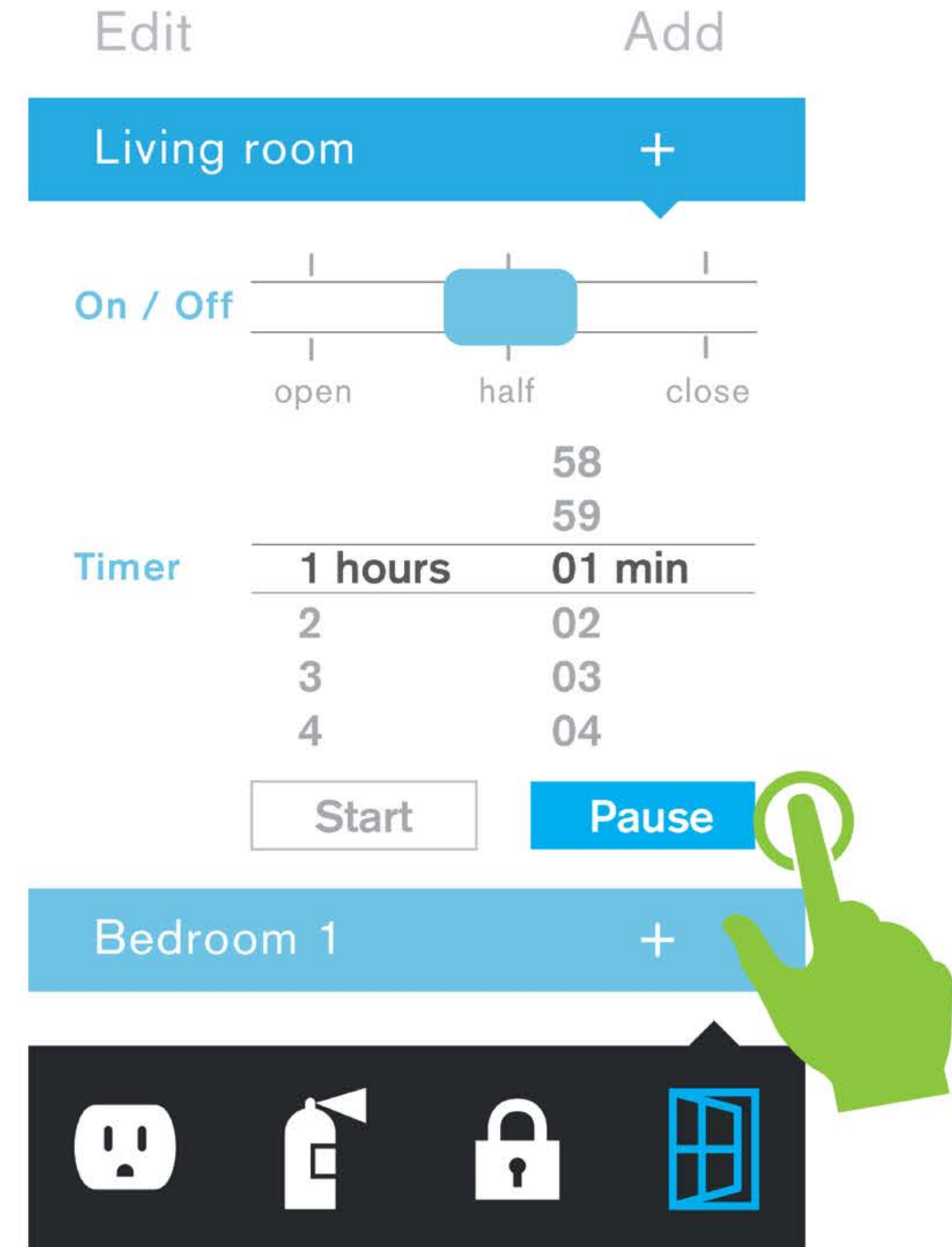
Confirmation



STEP 16/20

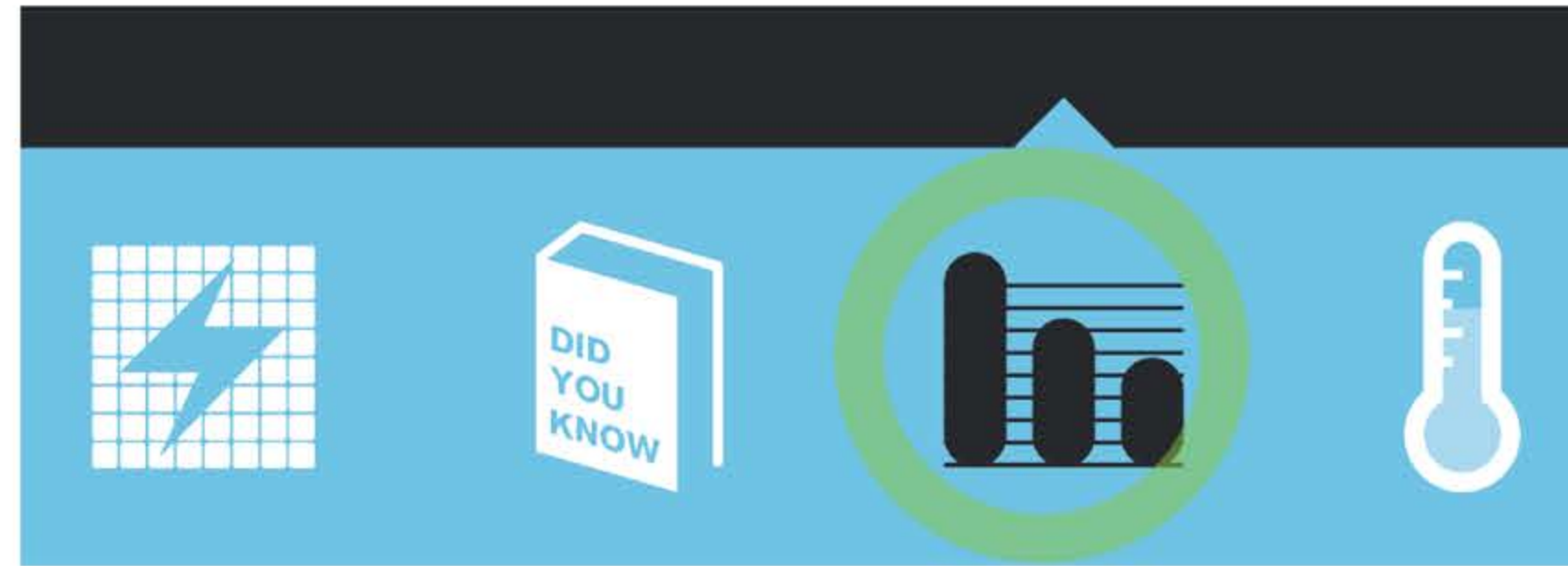
Here is letting you do setting on your smart window.

You can adjust it again, if you want.



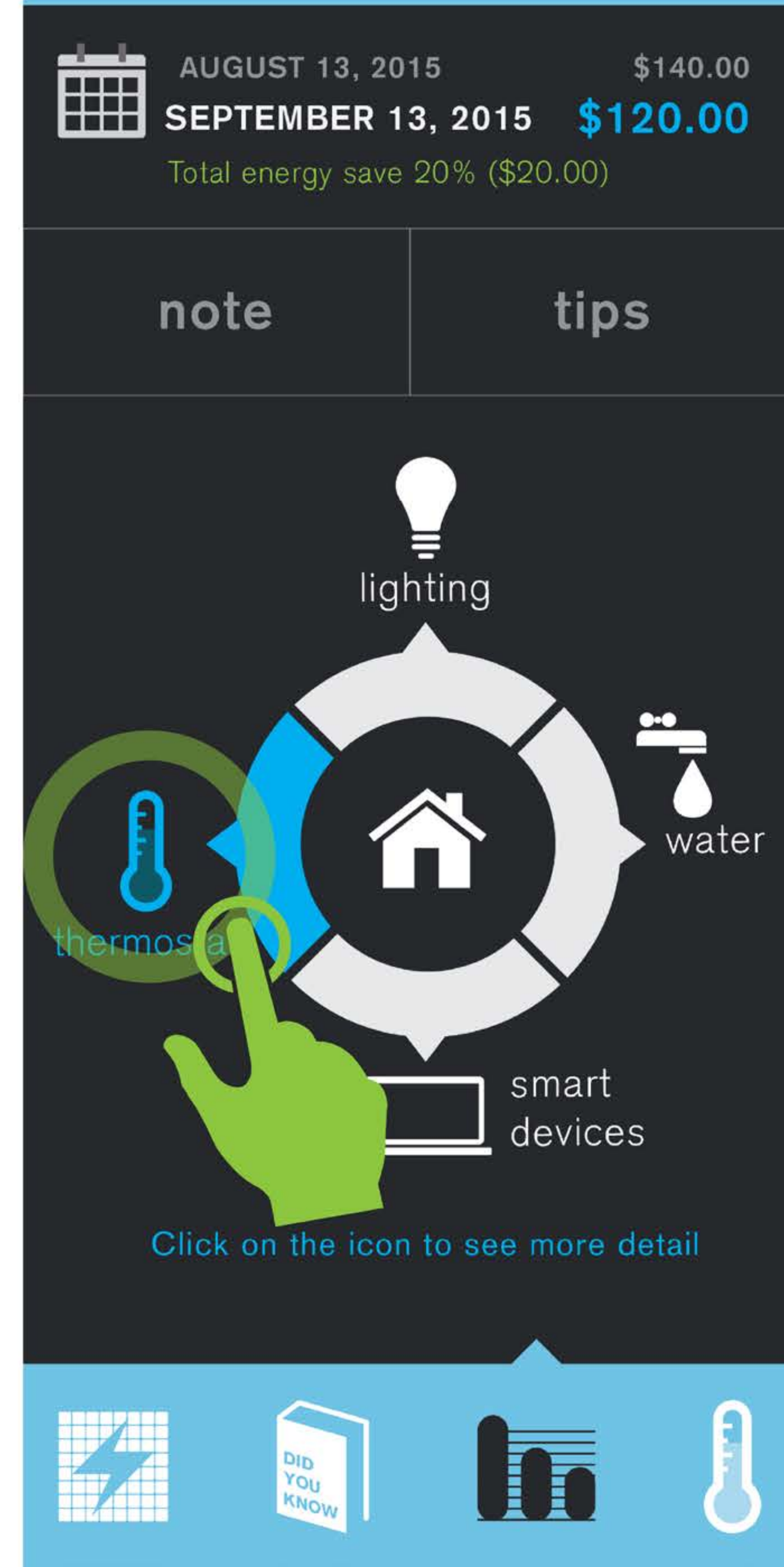
STEP 17/20

User can use this navigation go to My Energy page.



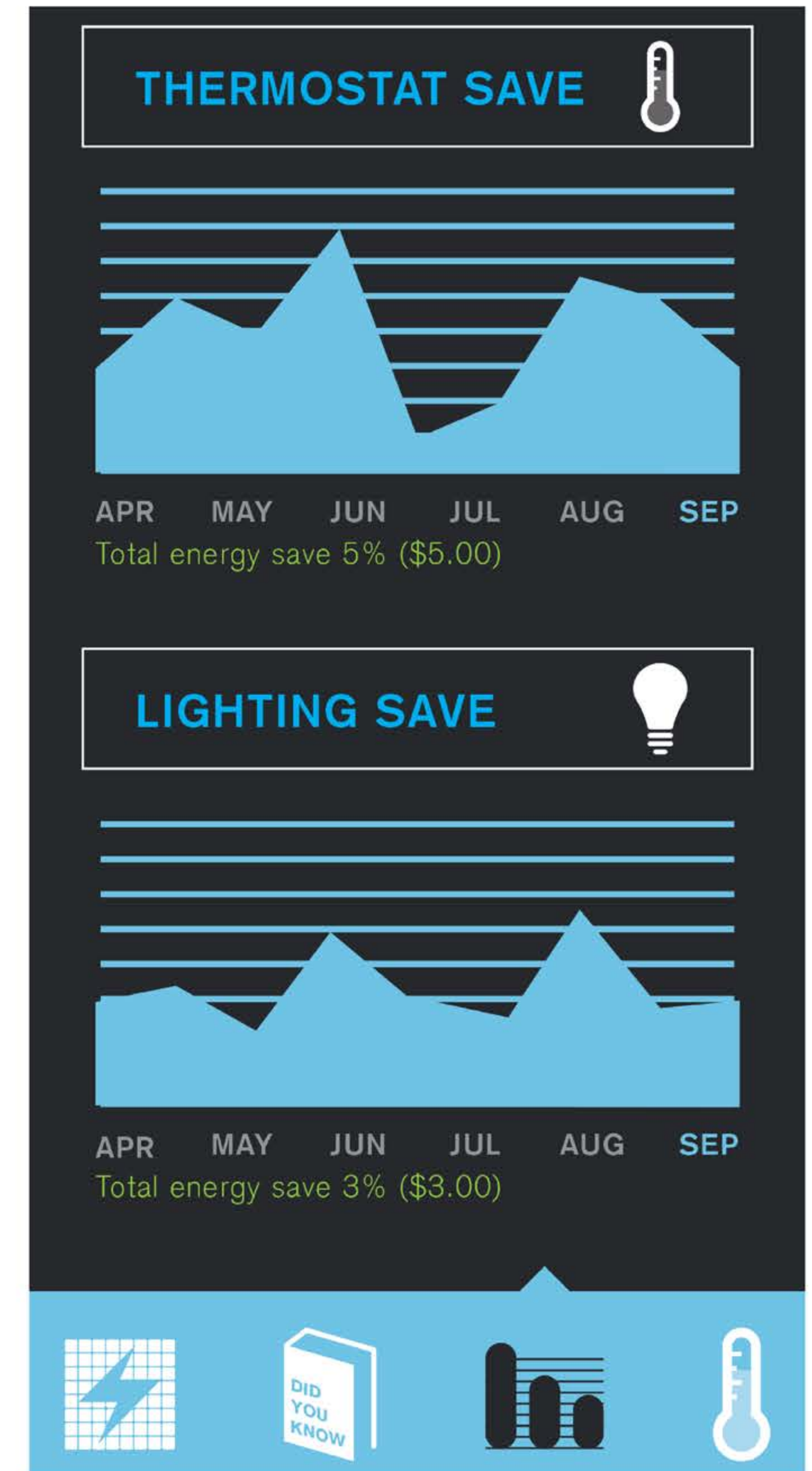
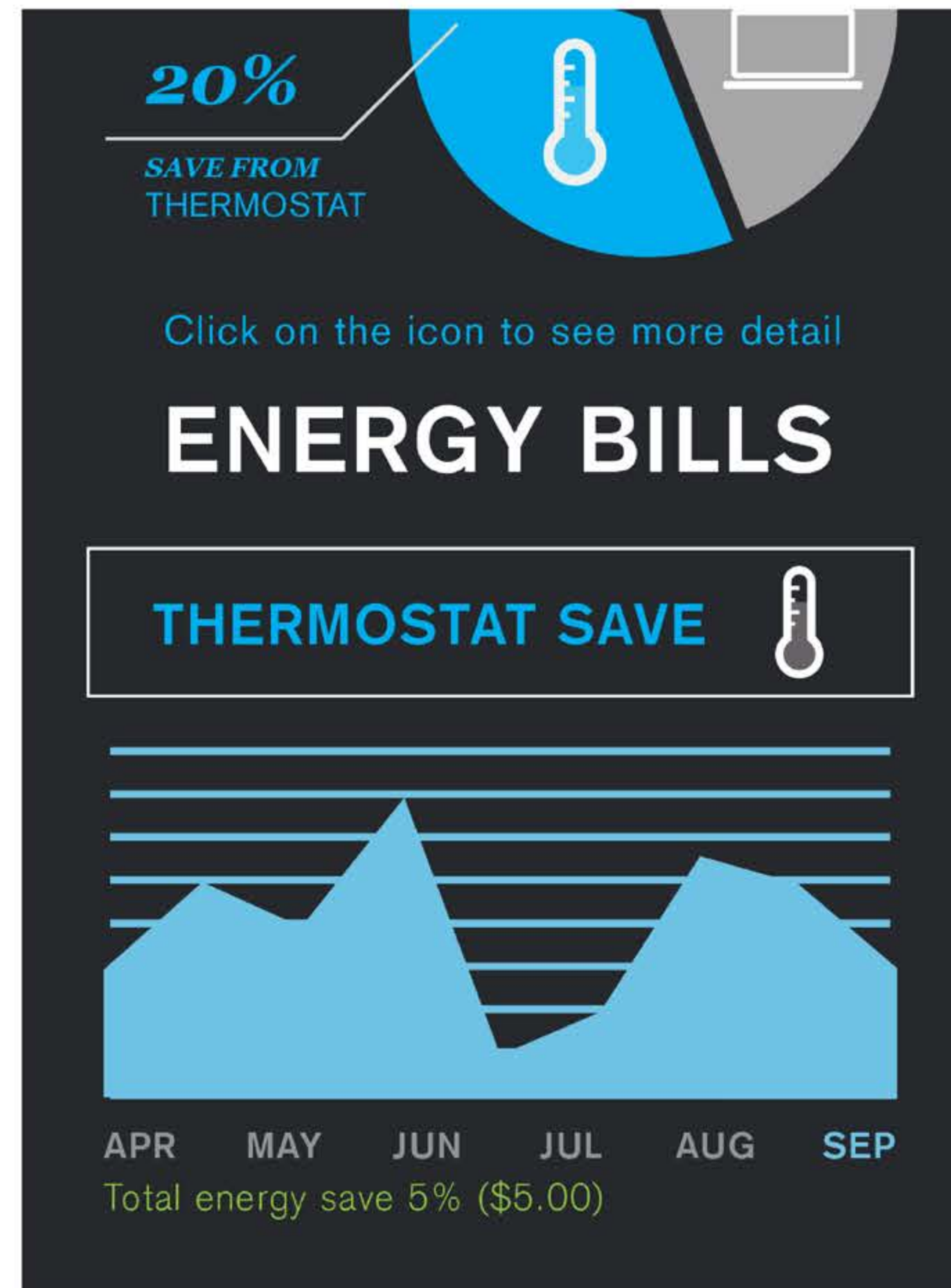
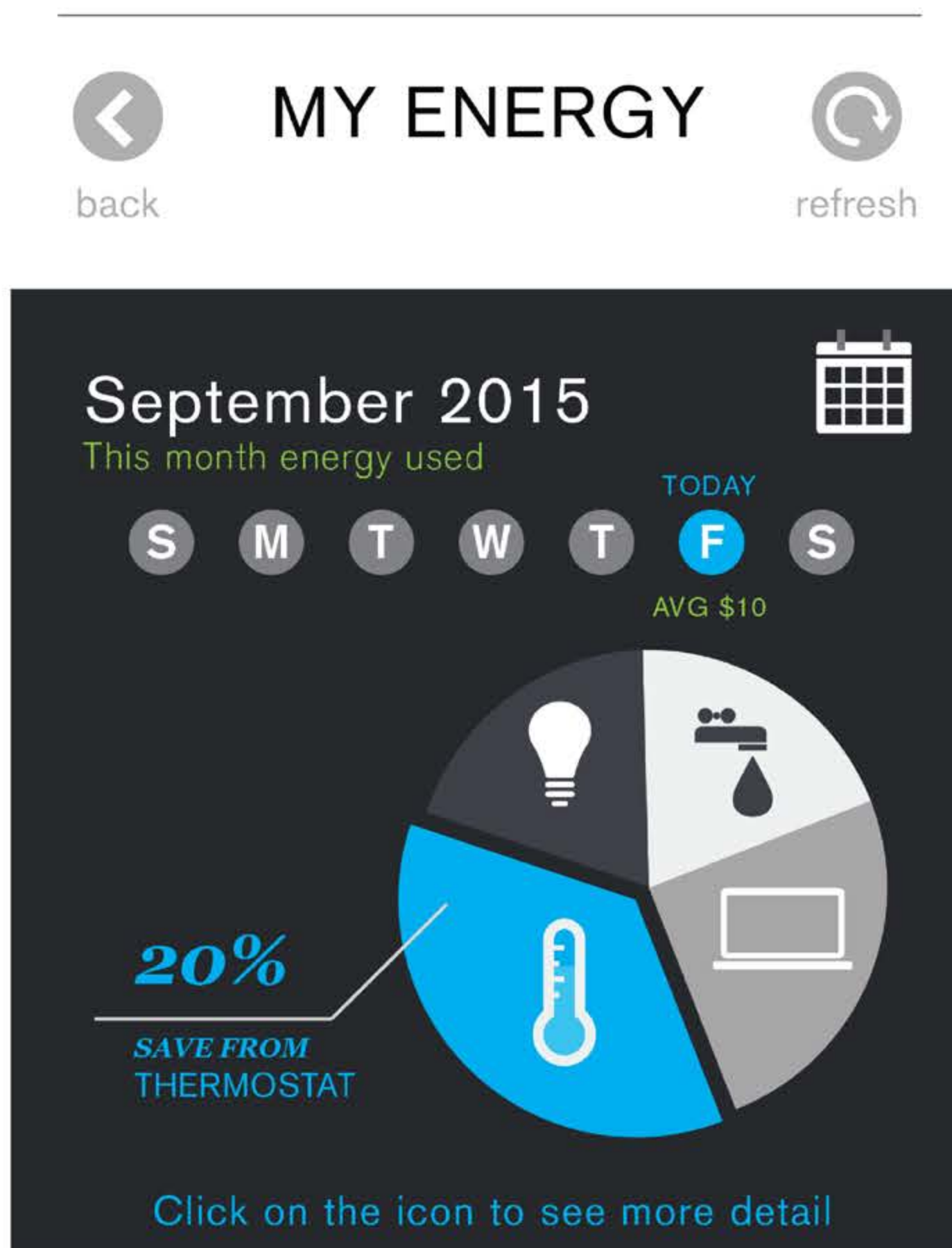
STEP 18/20

You will go to My Energy page



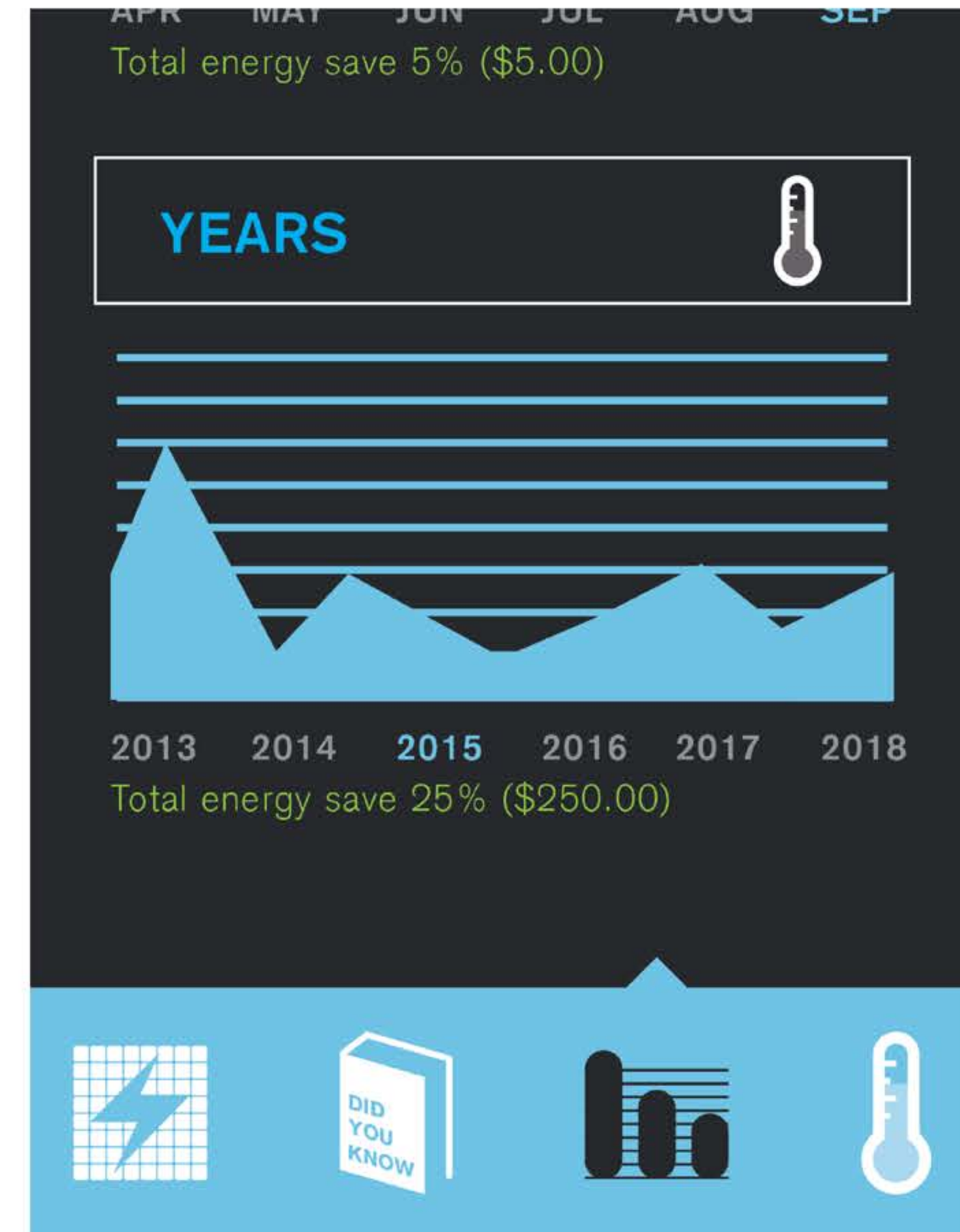
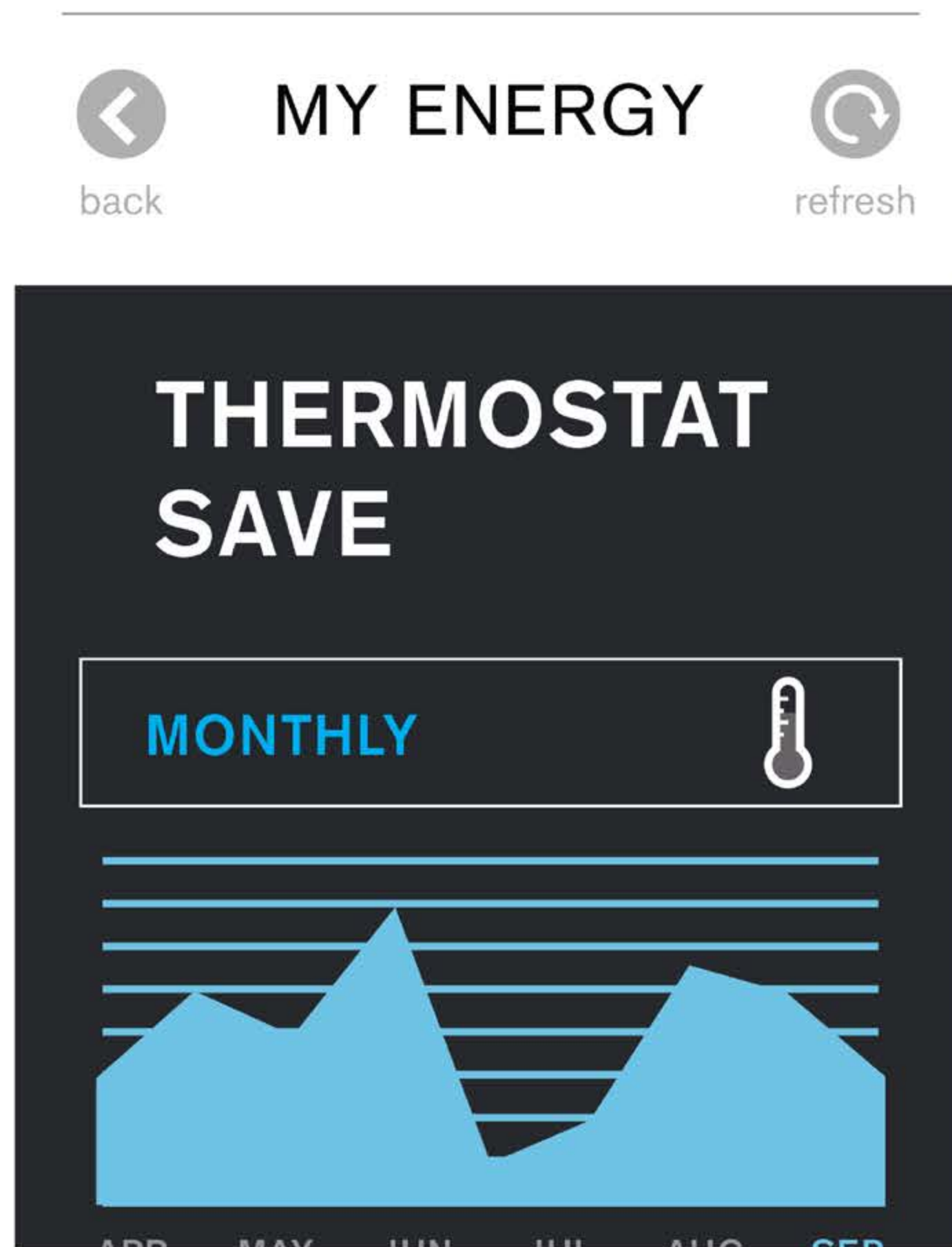
STEP 19/20

User can use this My Energy page to check their energy used.

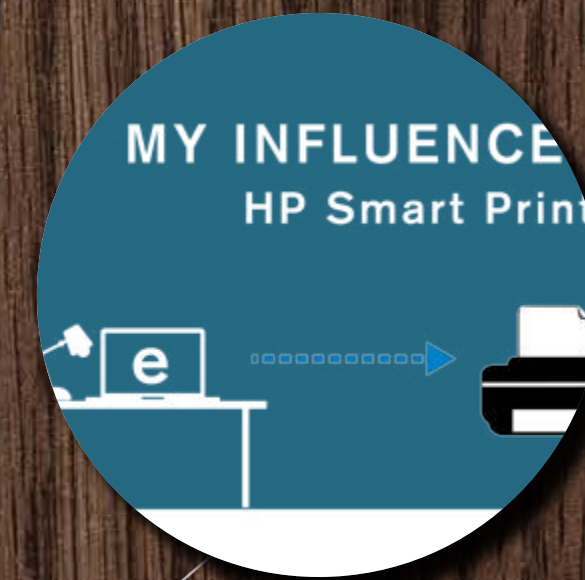


STEP 20/20

User can see their energy used by month or year through the charts.



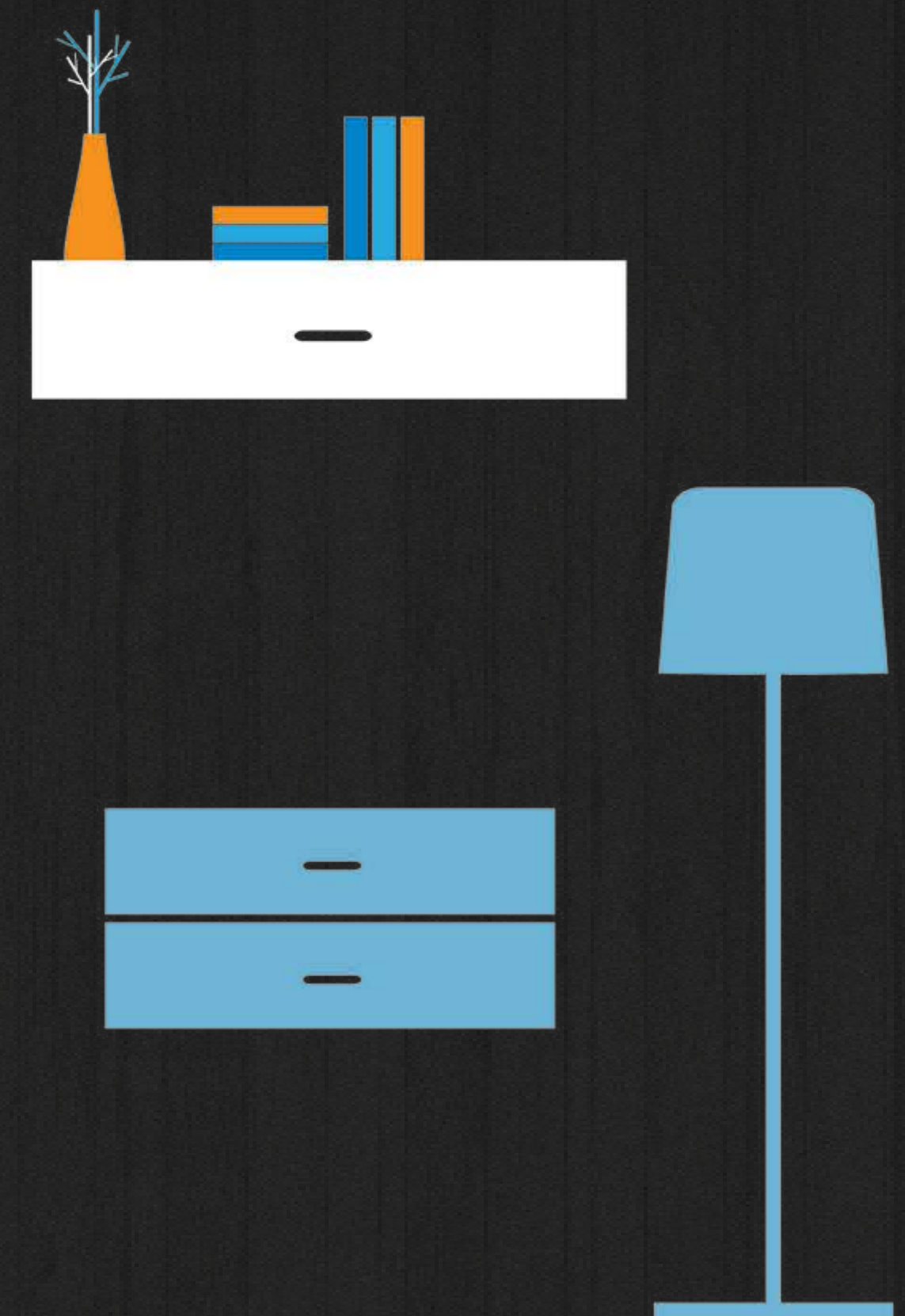
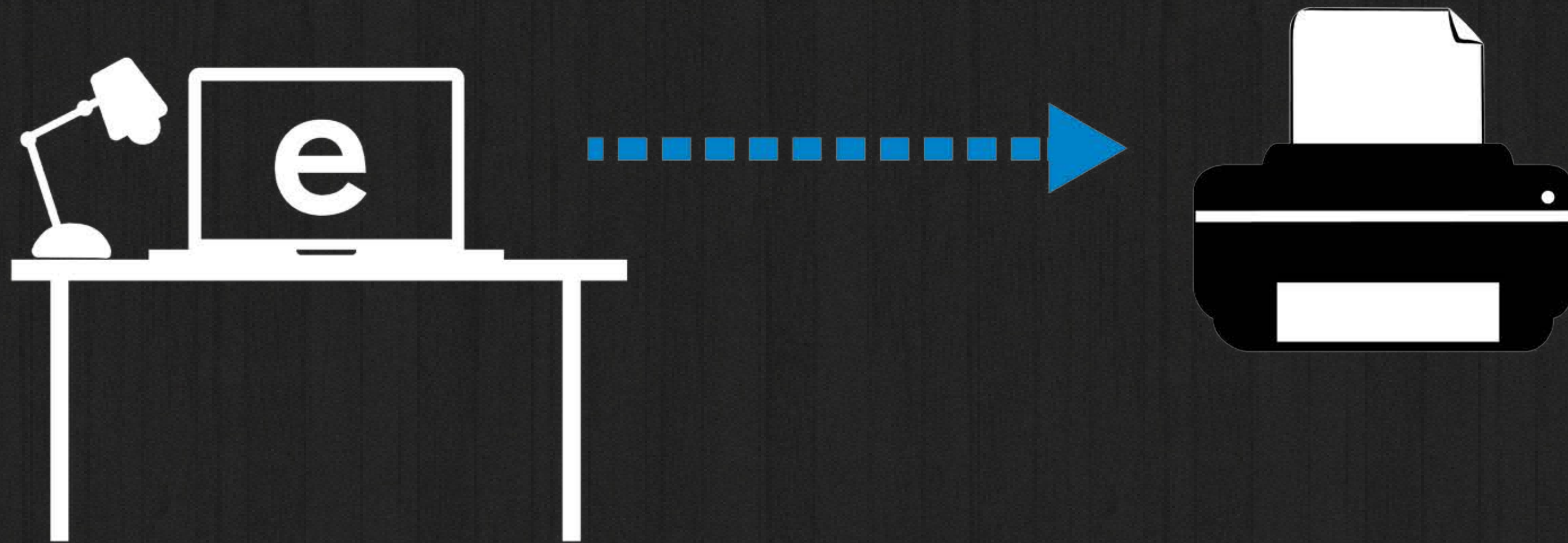
Influences



The influence is from smart device technology.

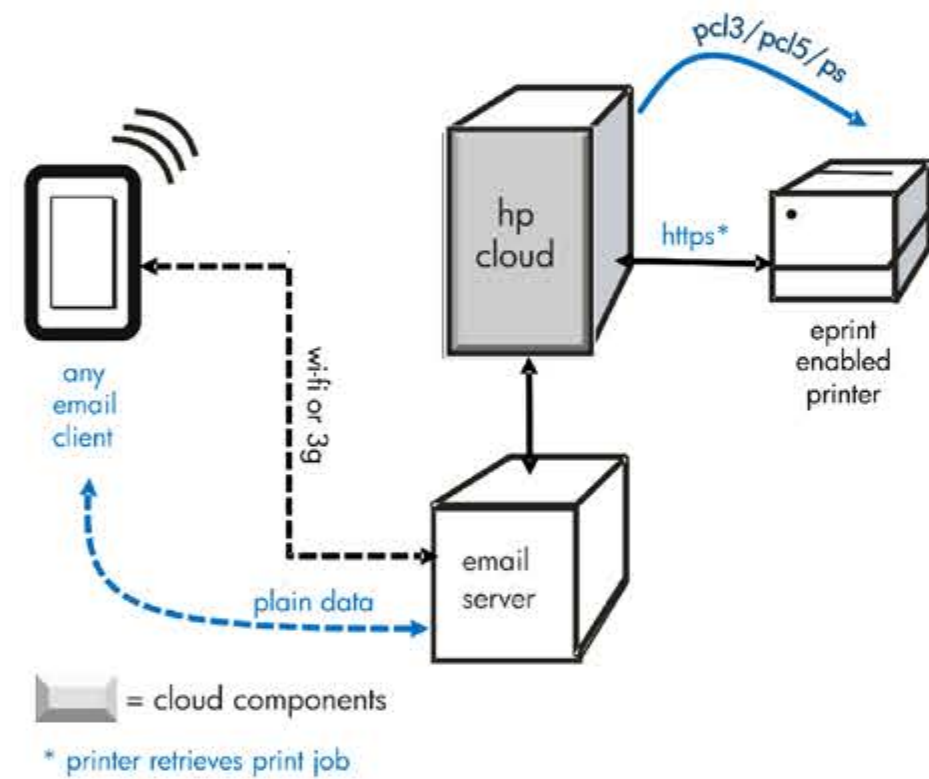
MY INFLUENCE

HP Smart Printer

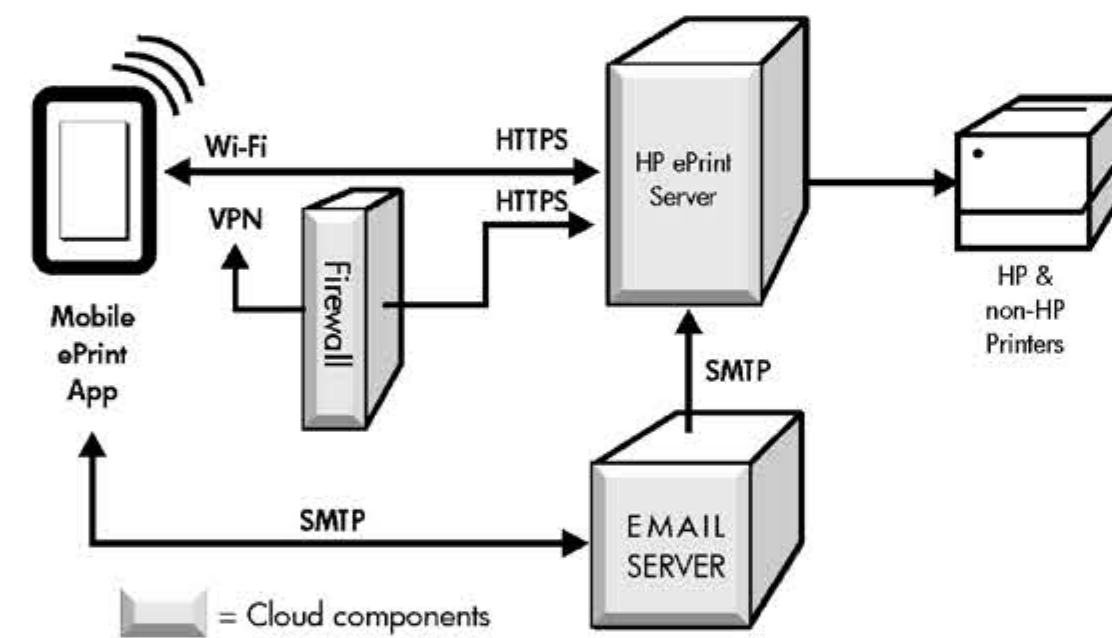


HP Smart Printer

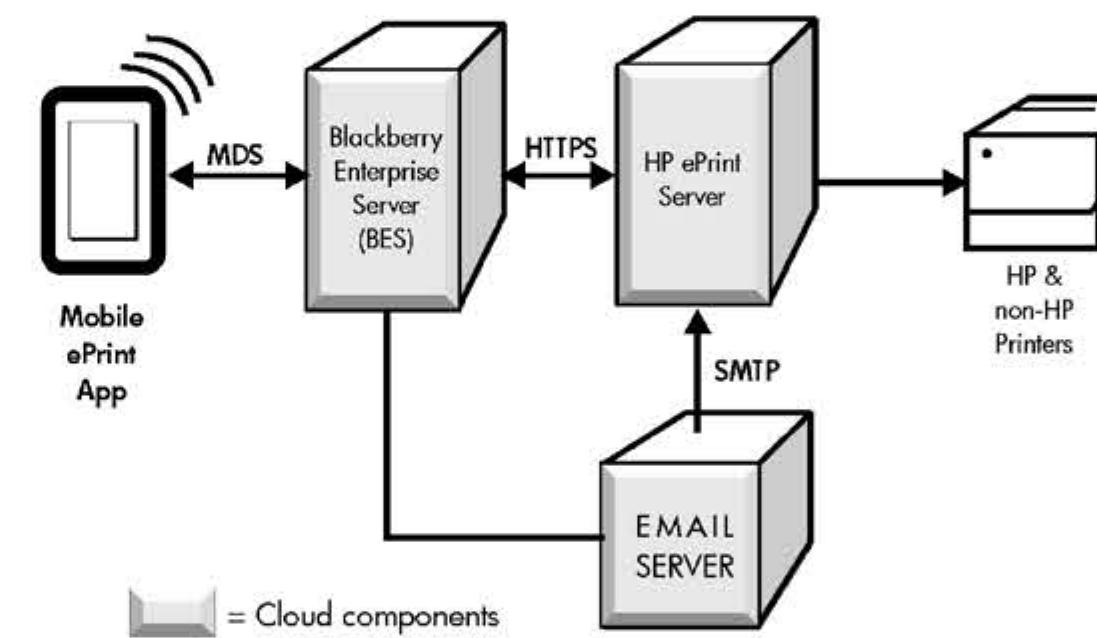
hp ePrint via email



HP ePrint Enterprise (iPhone or Android client)

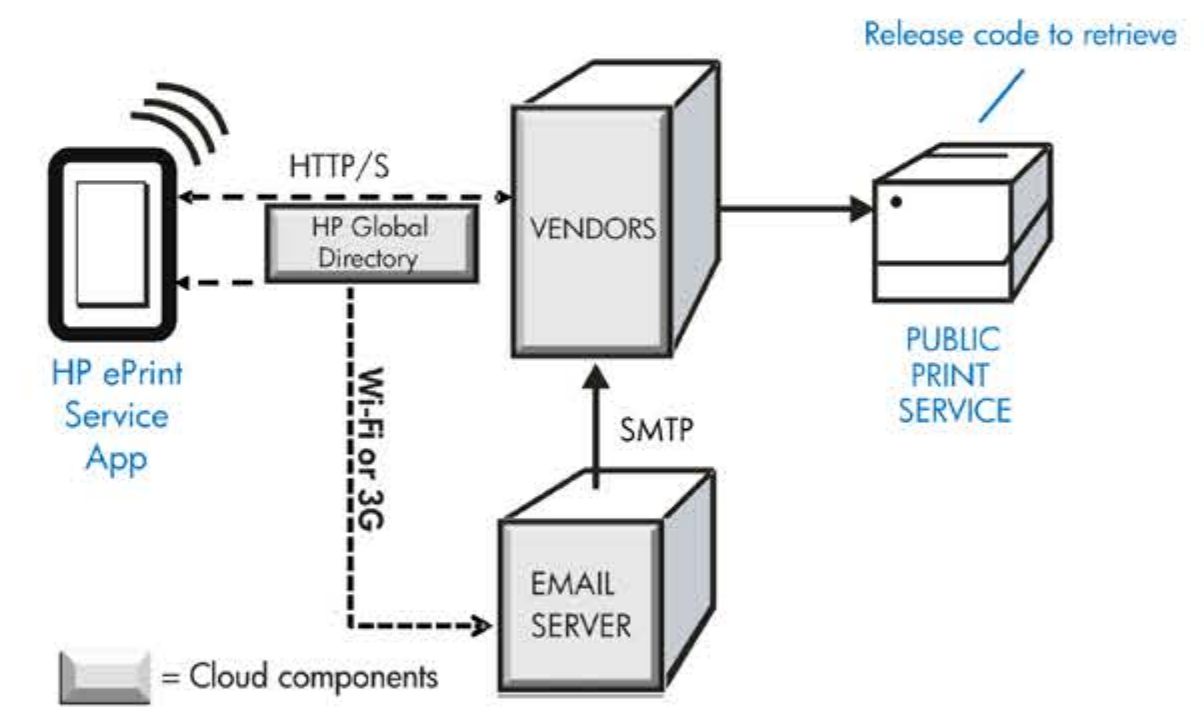


HP ePrint Enterprise (Blackberry client)



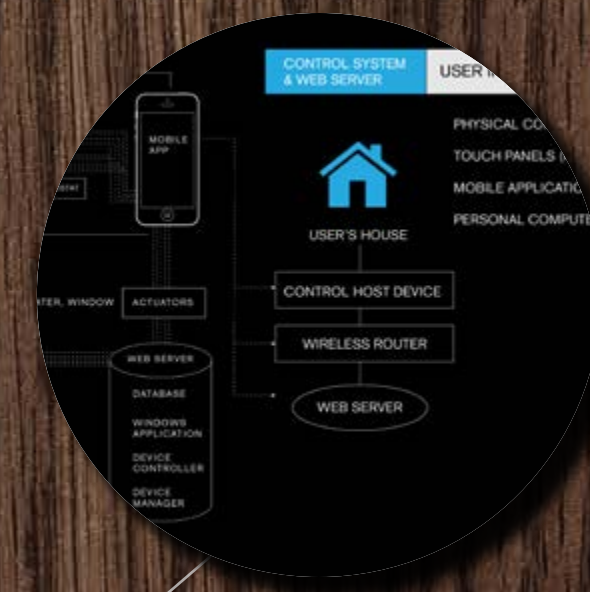
hp ePrint public print locations

Requires HP ePrint Service App



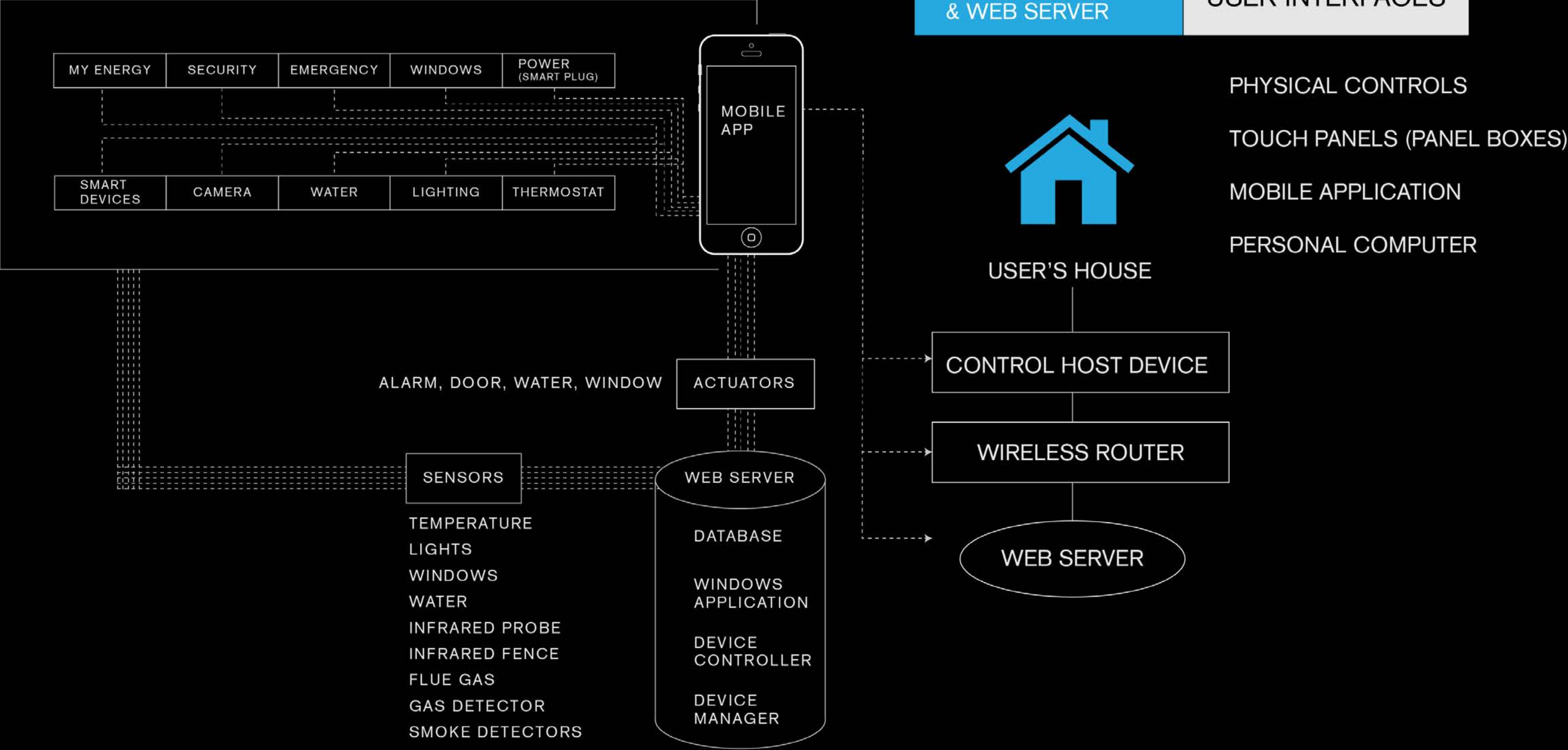
http://en.wikipedia.org/wiki/HP_ePrint

Technical Specifications



DATA DIAGRAM

In real world



DEVELOPMENT ARCHIECTURE

PROTOTYPE FINAL DELIVERABLE

HTML,CSS,JAVASCRIPT
CHART LIBRARY, D3
JQUERY MOBILE



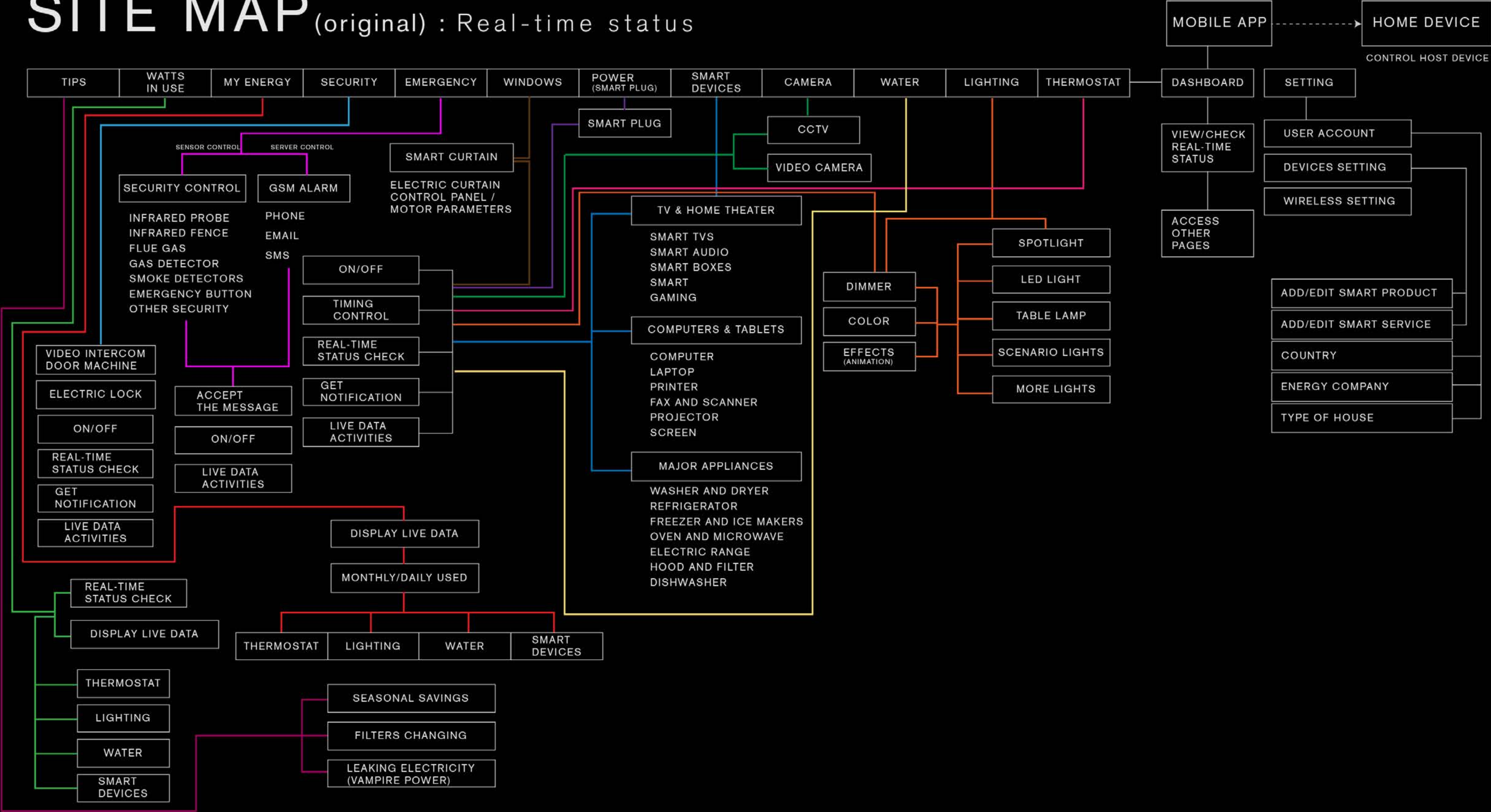
PHP/JSON



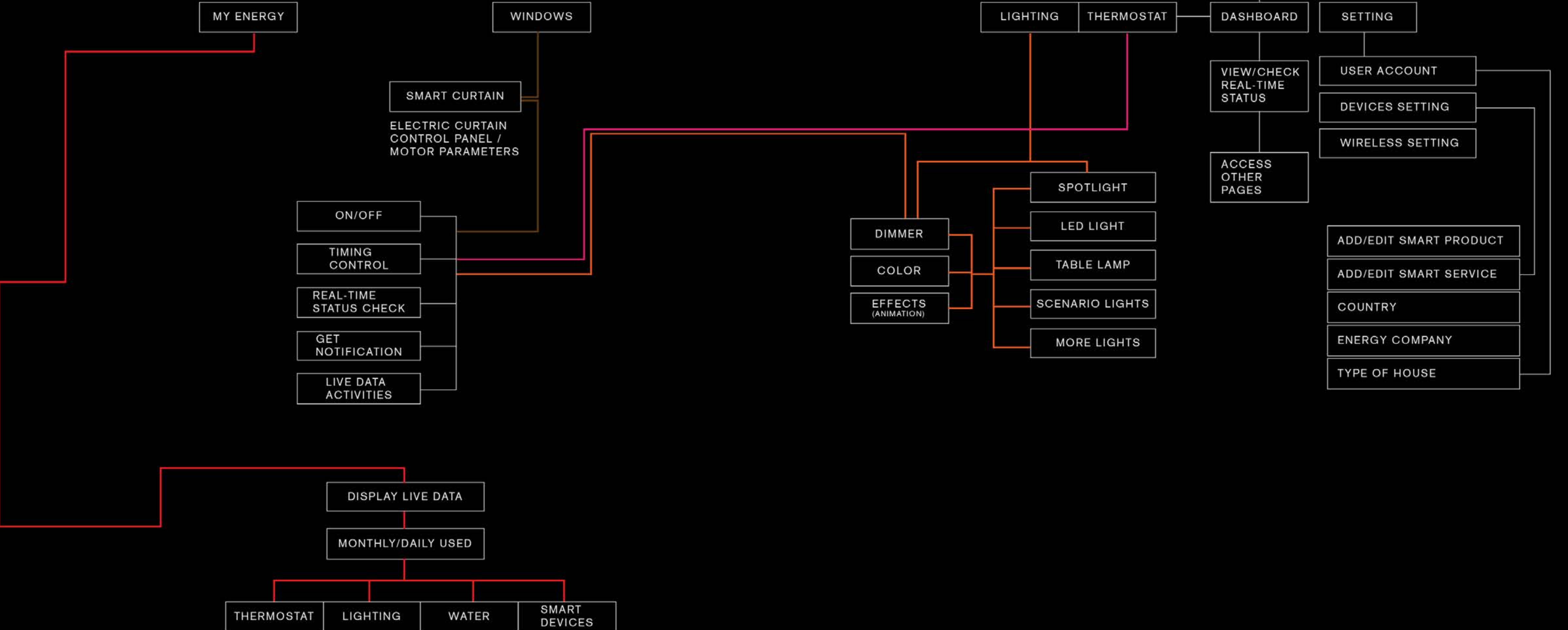
Final Deliverables



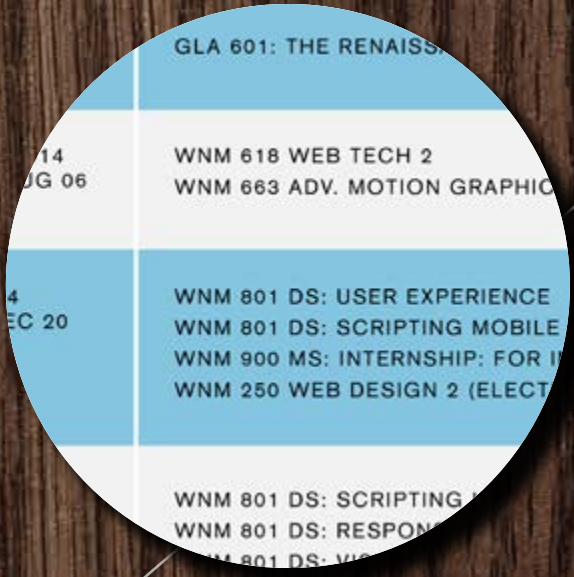
SITE MAP (original) : Real-time status



SITE MAP (final deliverable) : Real-time status



Timeline



TIMELINE

2014 SUMMER INTERSESSION JAN 06- JAN24	GLA 601: THE RENAISSANCE ART WORLD & ITS CLASSICAL ORIGINS	Prepare Midpoint Review
SUMMER 2014 JUNE16- AUG 06	WNM 618 WEB TECH 2 WNM 663 ADV. MOTION GRAPHIC	Present Midpoint Review Proof of Concept Refine Concept
FALL 2014 SEP 4- DEC 20	WNM 801 DS: USER EXPERIENCE WNM 801 DS: SCRIPTING MOBILE APPLICATIONS WNM 900 MS: INTERNSHIP: FOR INTERNATIONAL STUDENTS WNM 250 WEB DESIGN 2 (ELECTIVE) -UNDERGRADUATE/ONLINE	User Interface Usability Testing Develop the app
SPRING 2015 JAN XX- MAYXX	WNM 801 DS: SCRIPTING INTERACTIVITY & WEB SERVICES WNM 801 DS: RESPONSIVE WEB WNM 801 DS: VISUAL DESIGN GLA 676: PROFESSIONAL PRACTICES FOR DESIGNERS & ADVERTISERS (ELECTIVE)	Usability Testing Develop the app Visual Design

Bibliography

<http://www.eia.gov/tools/faqs/faq.cfm?id=97&t=3>

<http://www.nmhc.org/Content.cfm?ItemNumber=55508>

Source: NMHC tabulations of 2012 Current Population Survey, Annual Social and Economic Supplement, U.S. Census Bureau (<http://www.census.gov/cps>). Updated October 2012.

<http://www.eia.gov/tools/faqs/faq.cfm?id=97&t=3>

<http://www.eia.gov/consumption/residential/data/2009/#undefined>

http://www.eia.gov/consumption/residential/reports/2009/state_briefs/pdf/ca.pdf

<http://quickfacts.census.gov/qfd/states/00000.html>

<https://www.census.gov/prod/2013pubs/acsbr12-02.pdf>

Conclusion



BENEFITS OF HOME PILOT



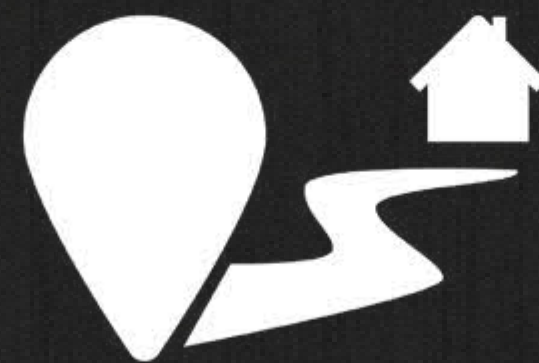
Save Money



Save Time



Happy Earth



Away from home



Protect your home



THANKS FOR READING

